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O I P E J C
SEP 0 8 2003
PATENT & TRADE

REPLACEMENT SHEET

APPROVED	O.G. FIG.	
	CLASS	SUBCLASS
BY	DRAFTSMAN	

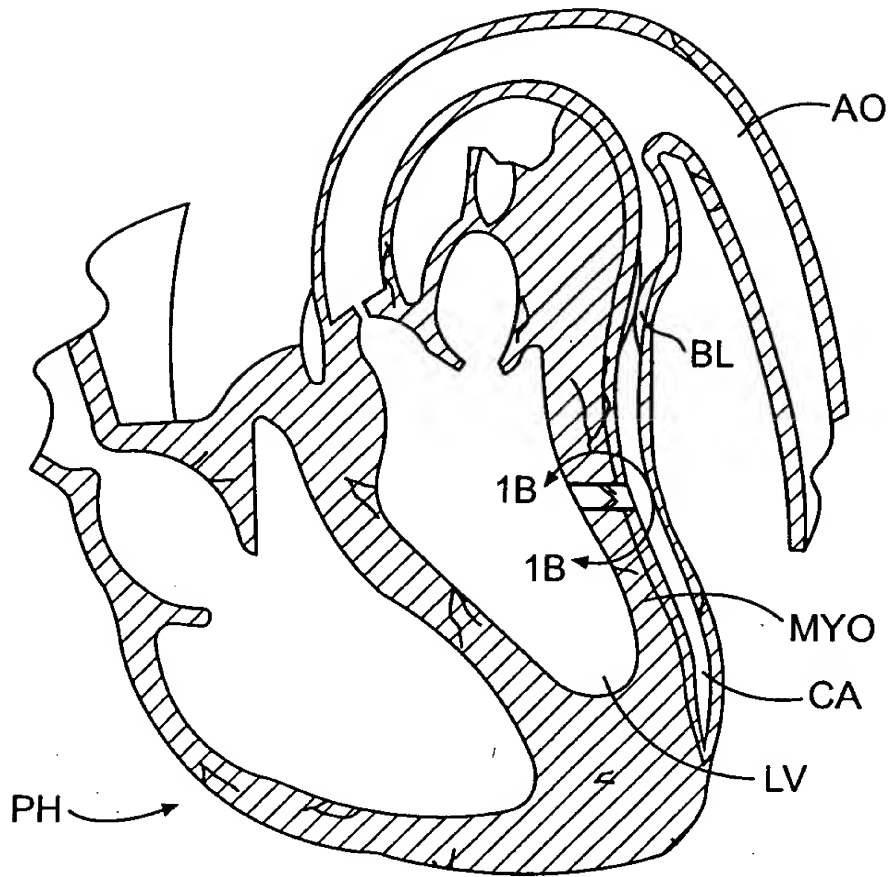


FIG. 1A

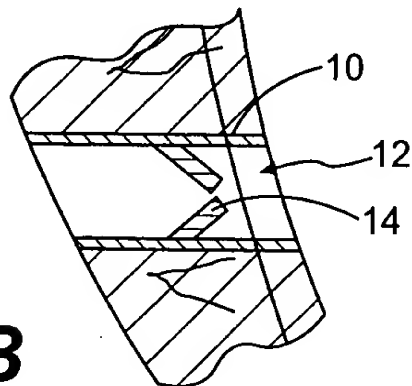


FIG. 1B

SP 0 8 244
PATENT & TRADEMARK

REPLACEMENT SHEET

APPROVED	U.S. FIG.	CLASS	SUBCLASS
BY			
ATTORNEY			

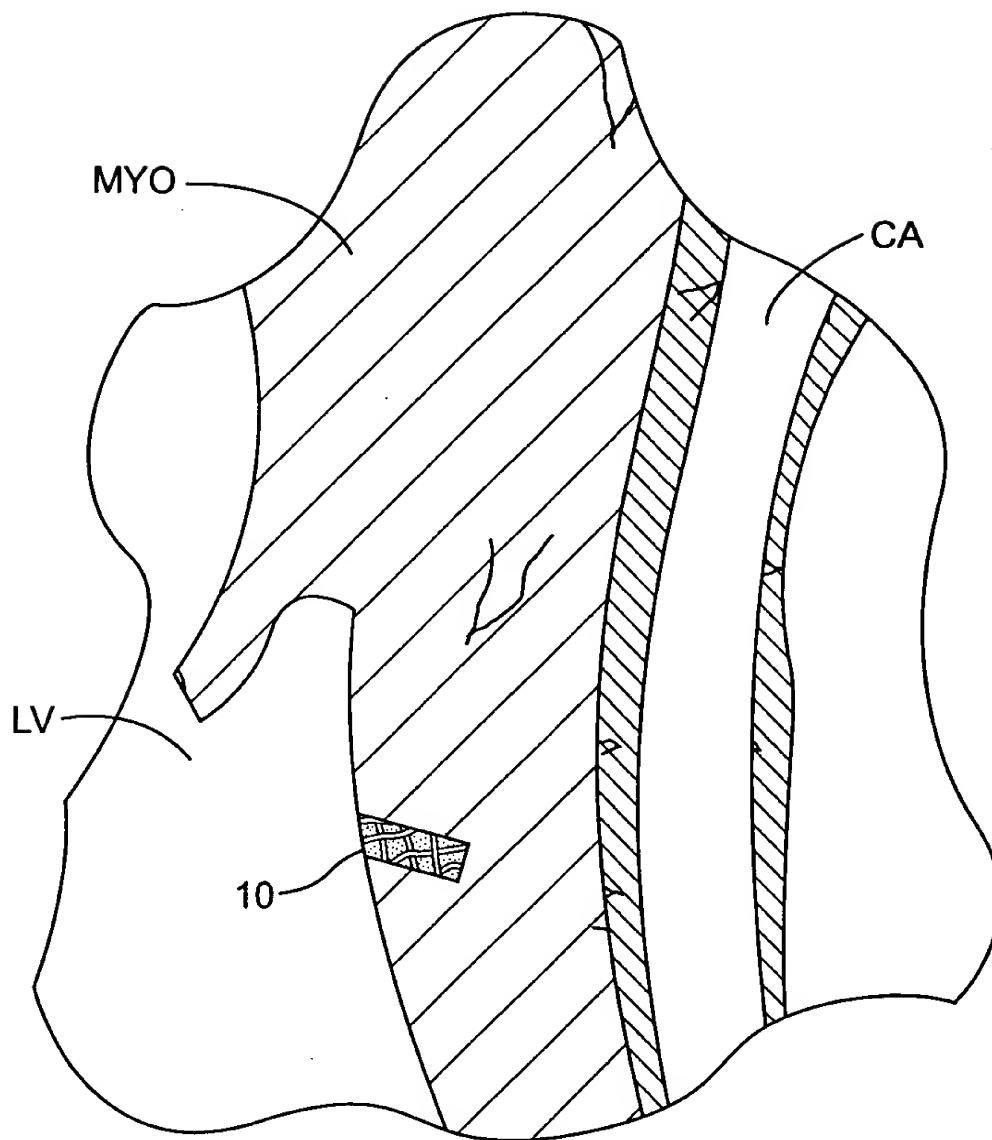


FIG. 2

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REPLACEMENT SHEET

APPROVED	O.G. FIG.	CLASS	SUBCLASS
BY			
DRAFTSMAN			

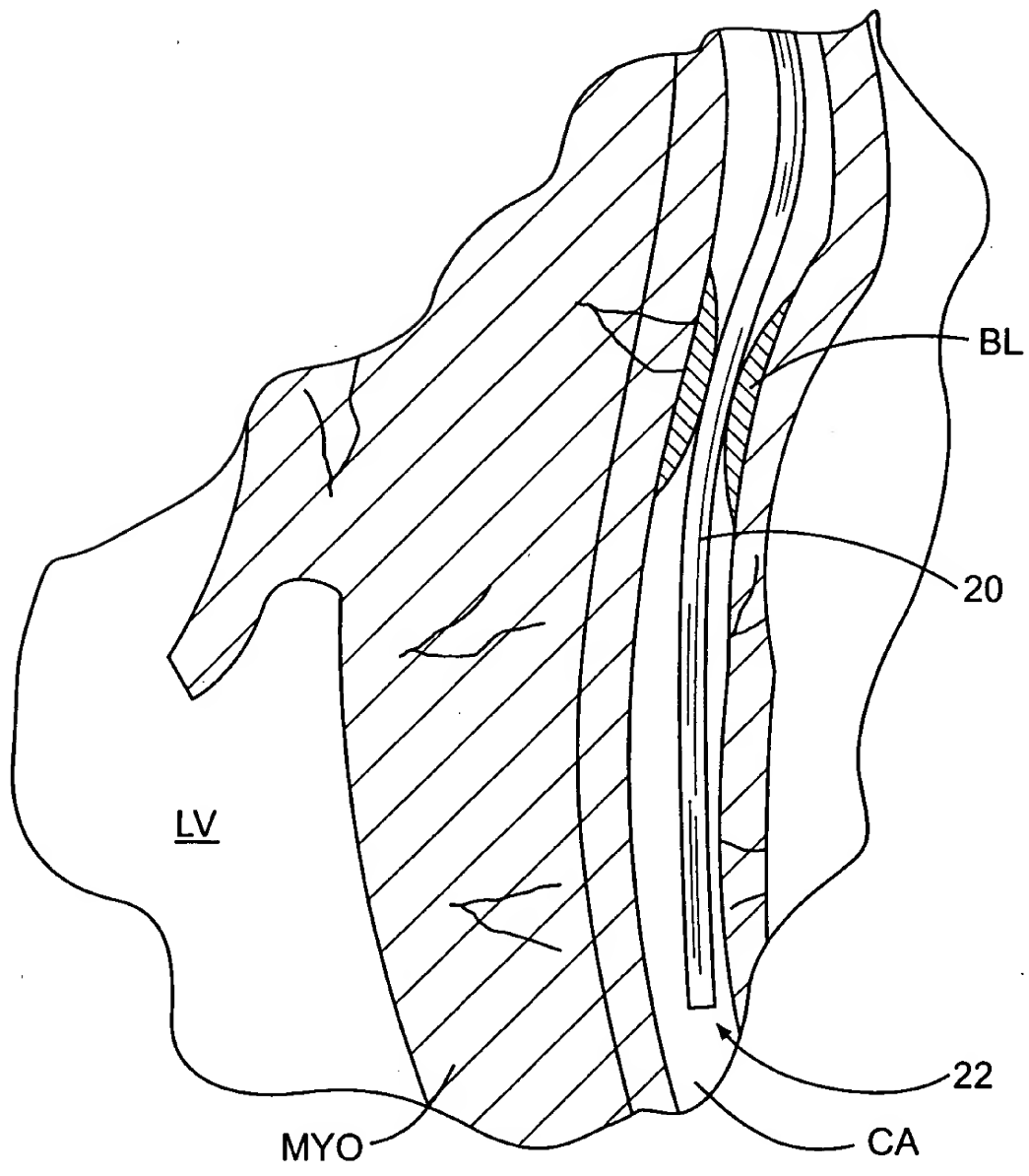


FIG. 3A



REPLACEMENT SHEET

APPROVED BY DRAFTSMAN	O.G. FIG.	CLASS	SUBCLASS

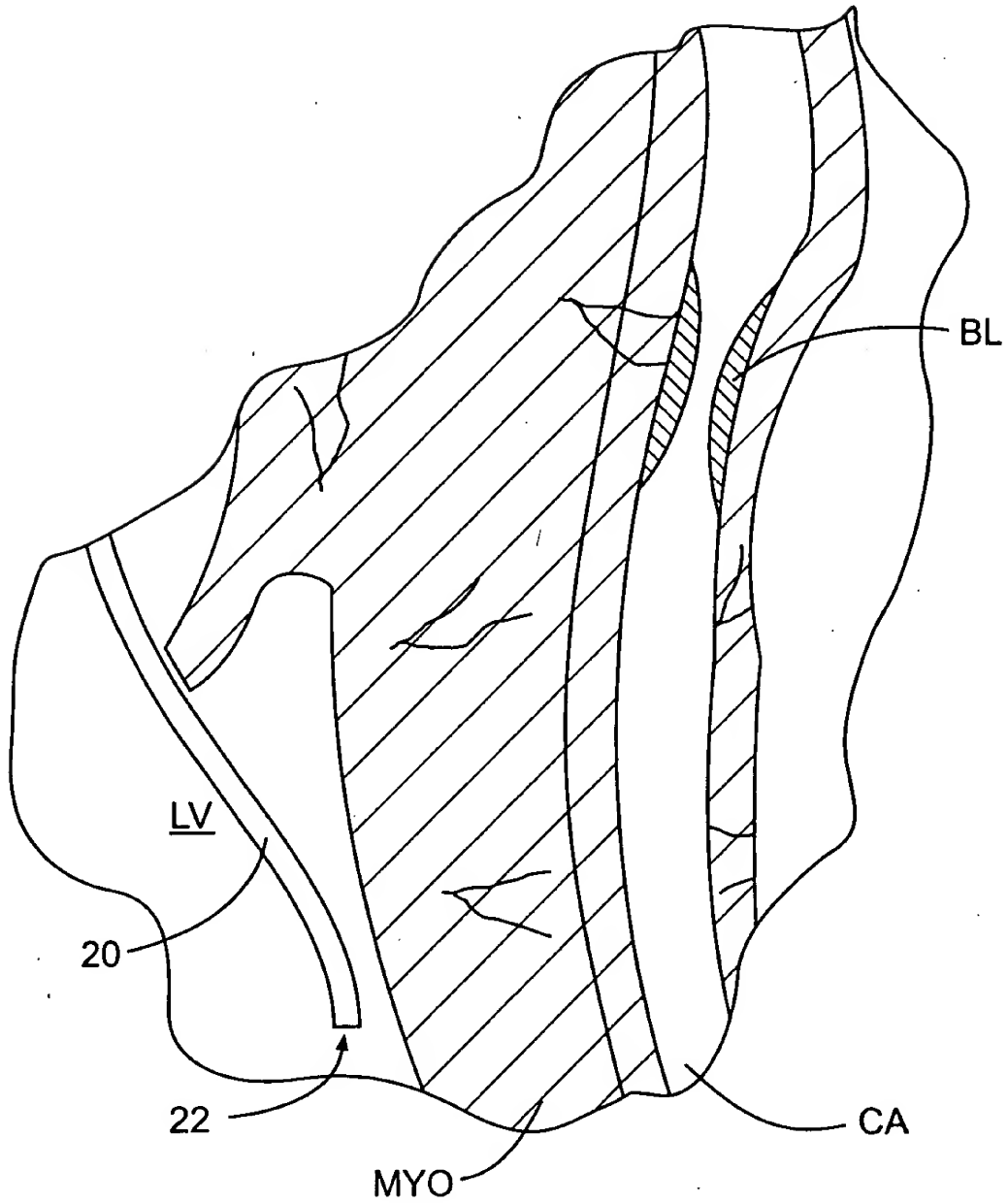


FIG. 3B

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REPLACEMENT SHEET

APPROVED	O.G. FIG.	
	CLASS	SUBCLASS
BY		
DRAFTSMAN		

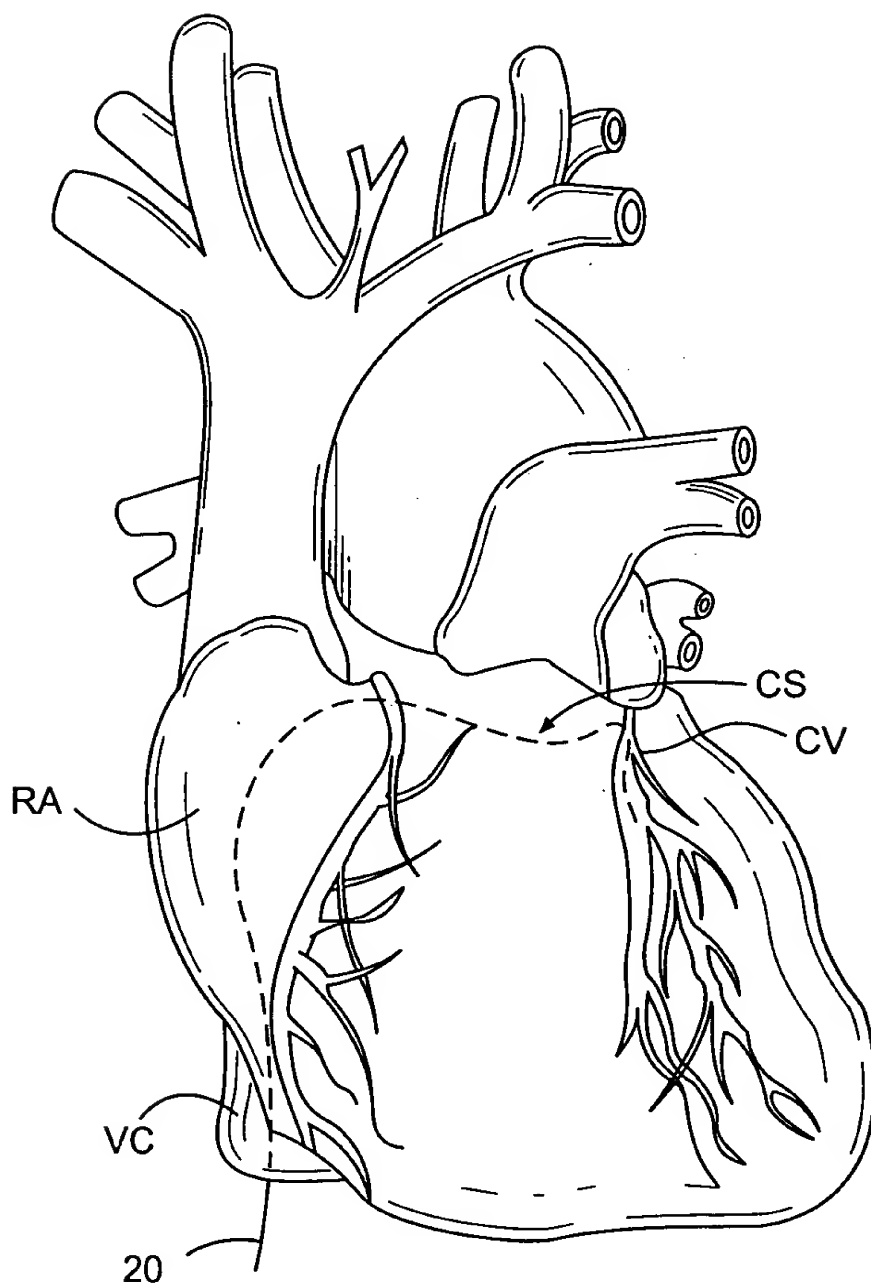


FIG. 4A



REPLACEMENT SHEET

APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

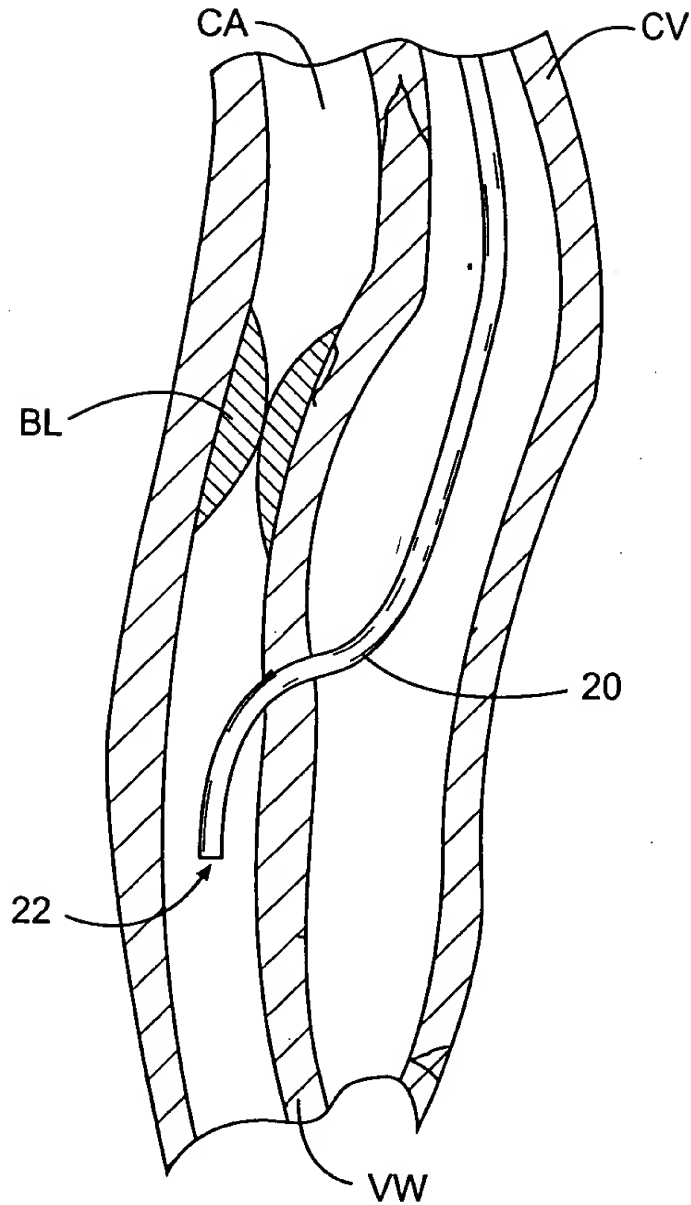


FIG. 4B

OIP
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REPLACEMENT SHEET

BY	O.G. FIG.	
	CLASS	SUBCLASS
DRAFTSMAN		

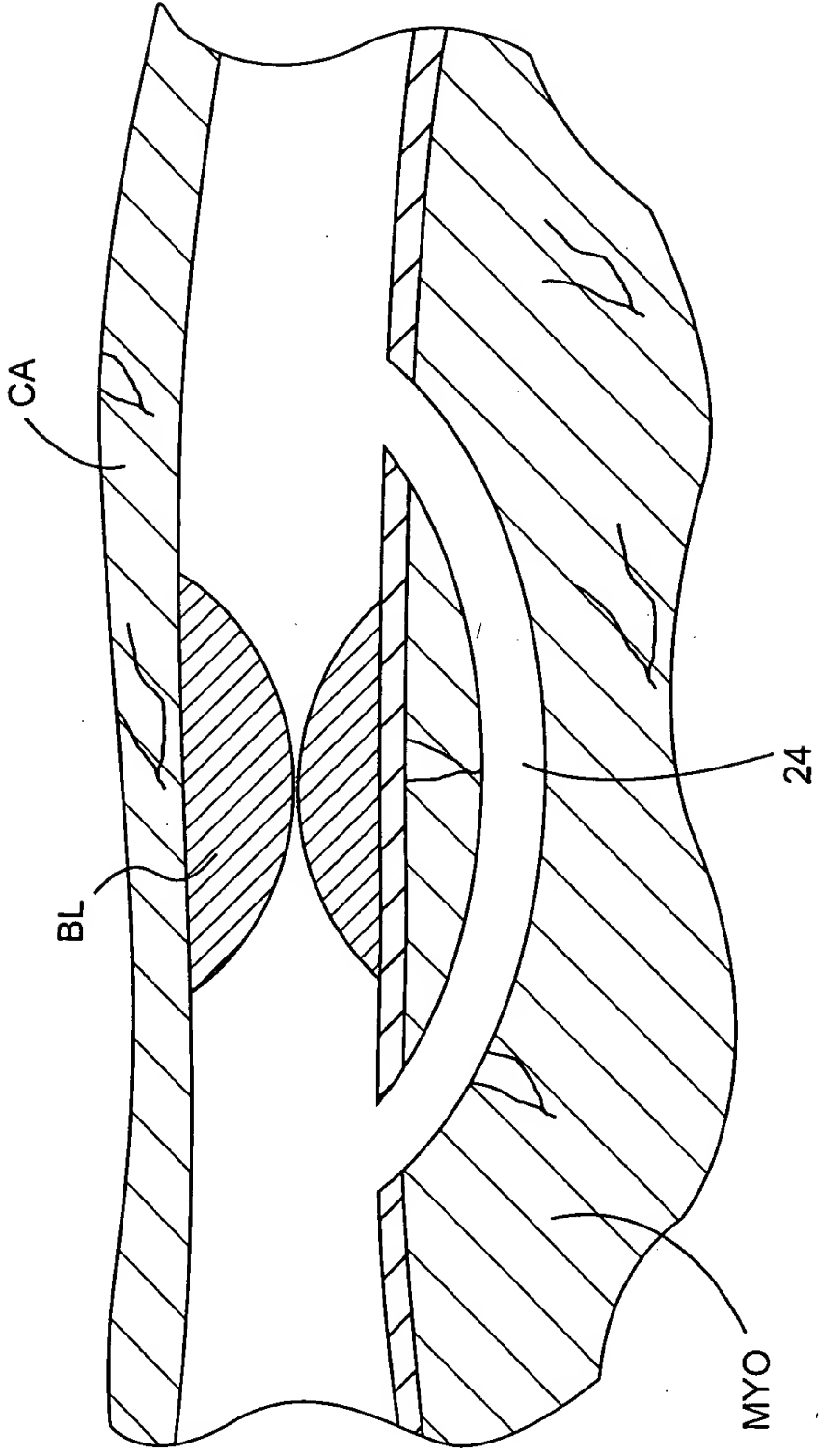


FIG. 5

PIPE JOINT
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O.G. FIG.	
CLASS	SUBCLASS
LUBARTSMAN	

REPLACEMENT SHEET

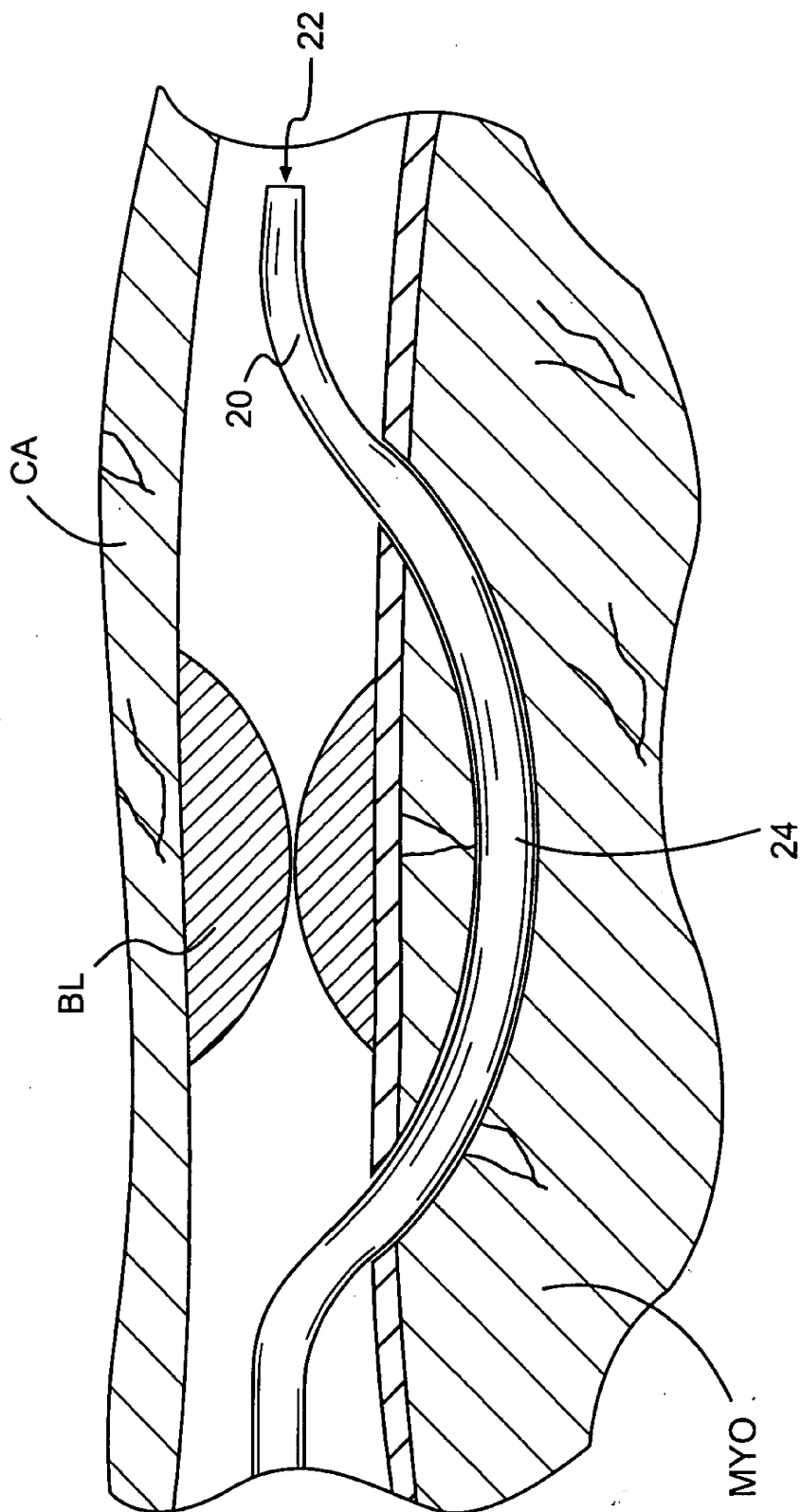


FIG. 6

PIPE JOINT
SEP 08 2003
PATENT & TRADEMARK OFFICE

REPLACEMENT SHEET

APPROVED	O.G. FIG.	CLASS	SUBCLASS
BY			
DRAFTSMAN			

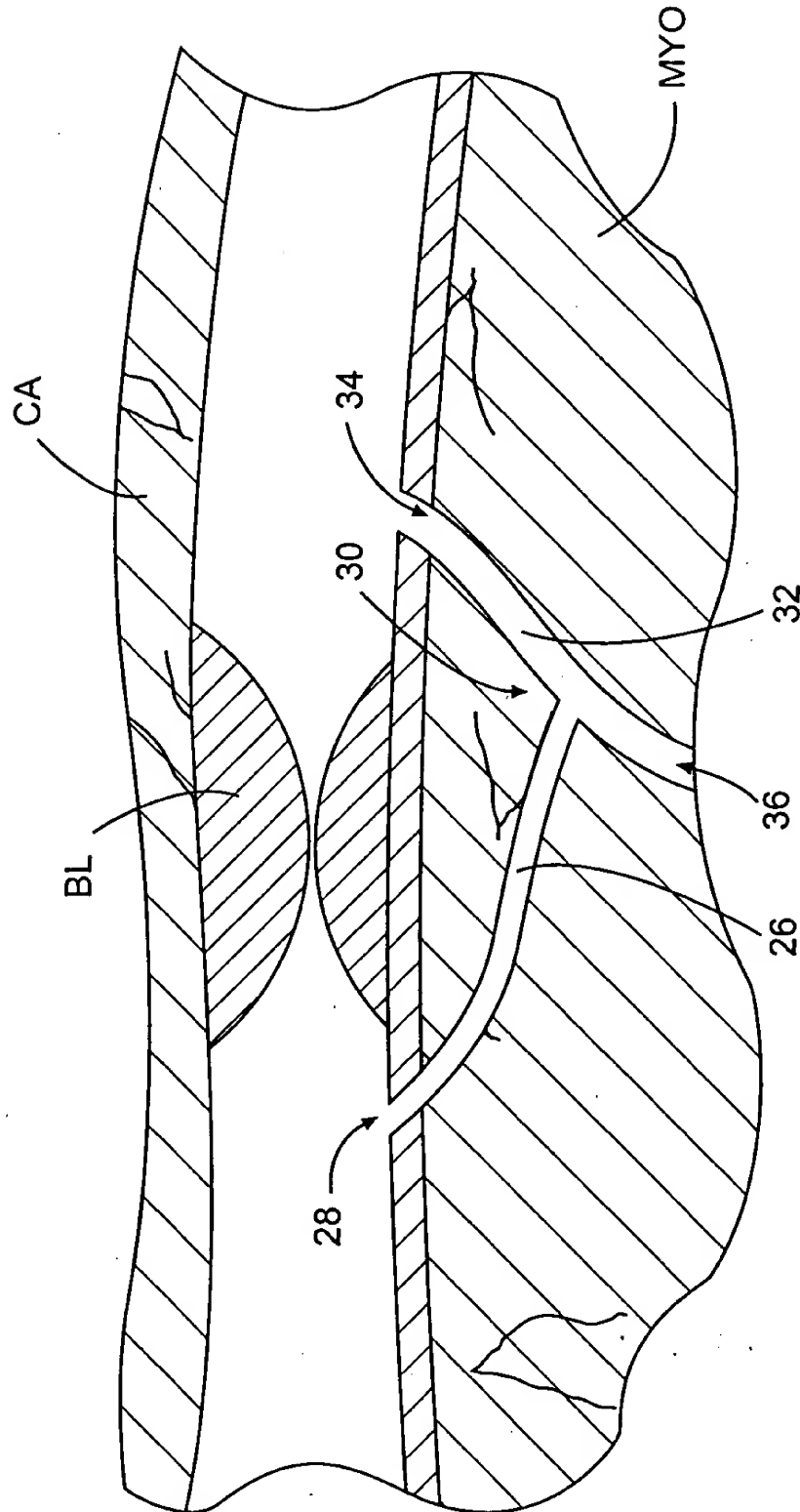


FIG. 7

REPLACEMENT SHEET



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
UDENISMAN		

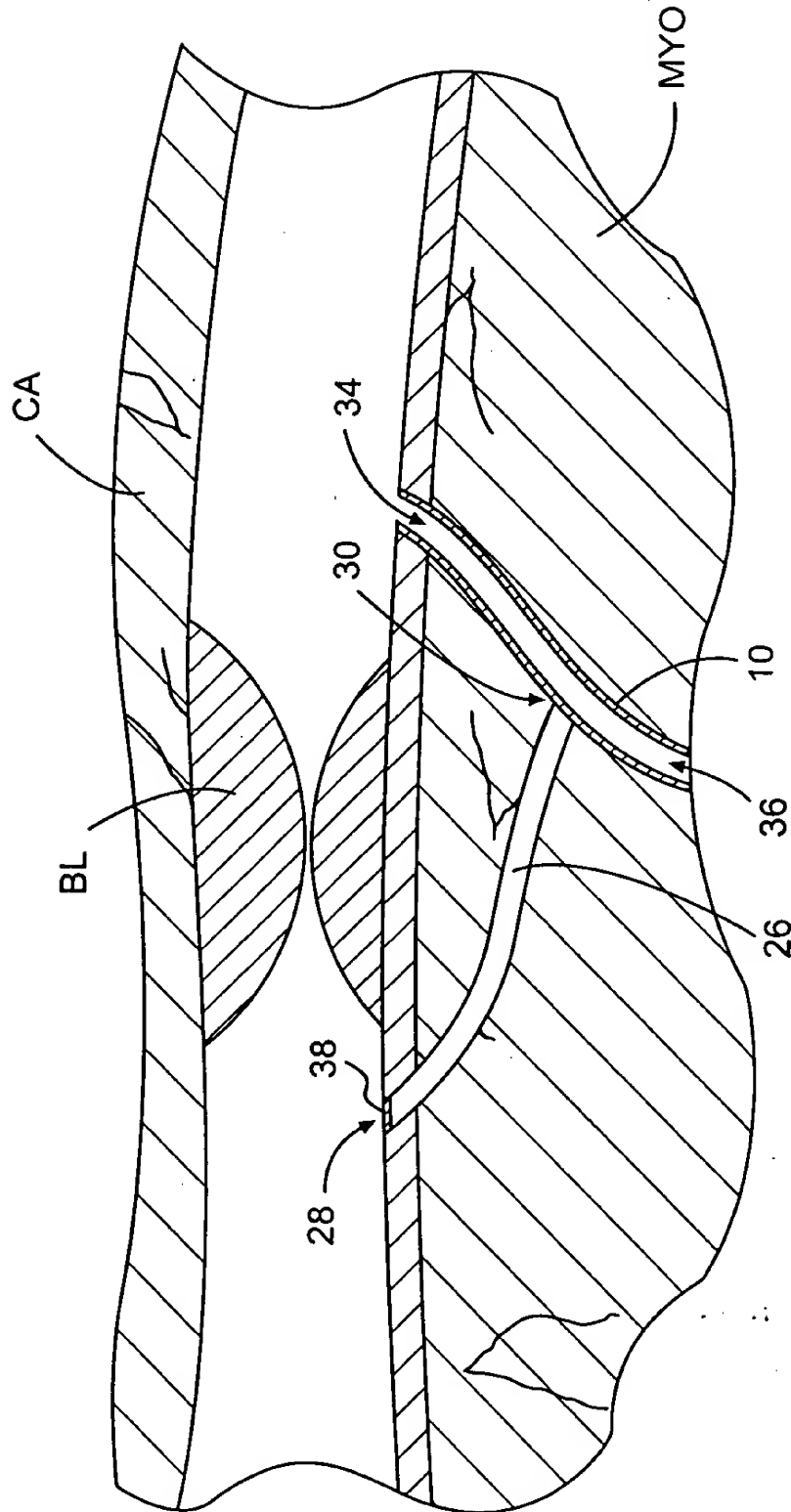


FIG. 8

U.I.P.E. JOB.
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REPLACEMENT SHEET

APPROVED	U.G. FIG.	CLASS	SUBCLASS
BY			
DRAFTSMAN			

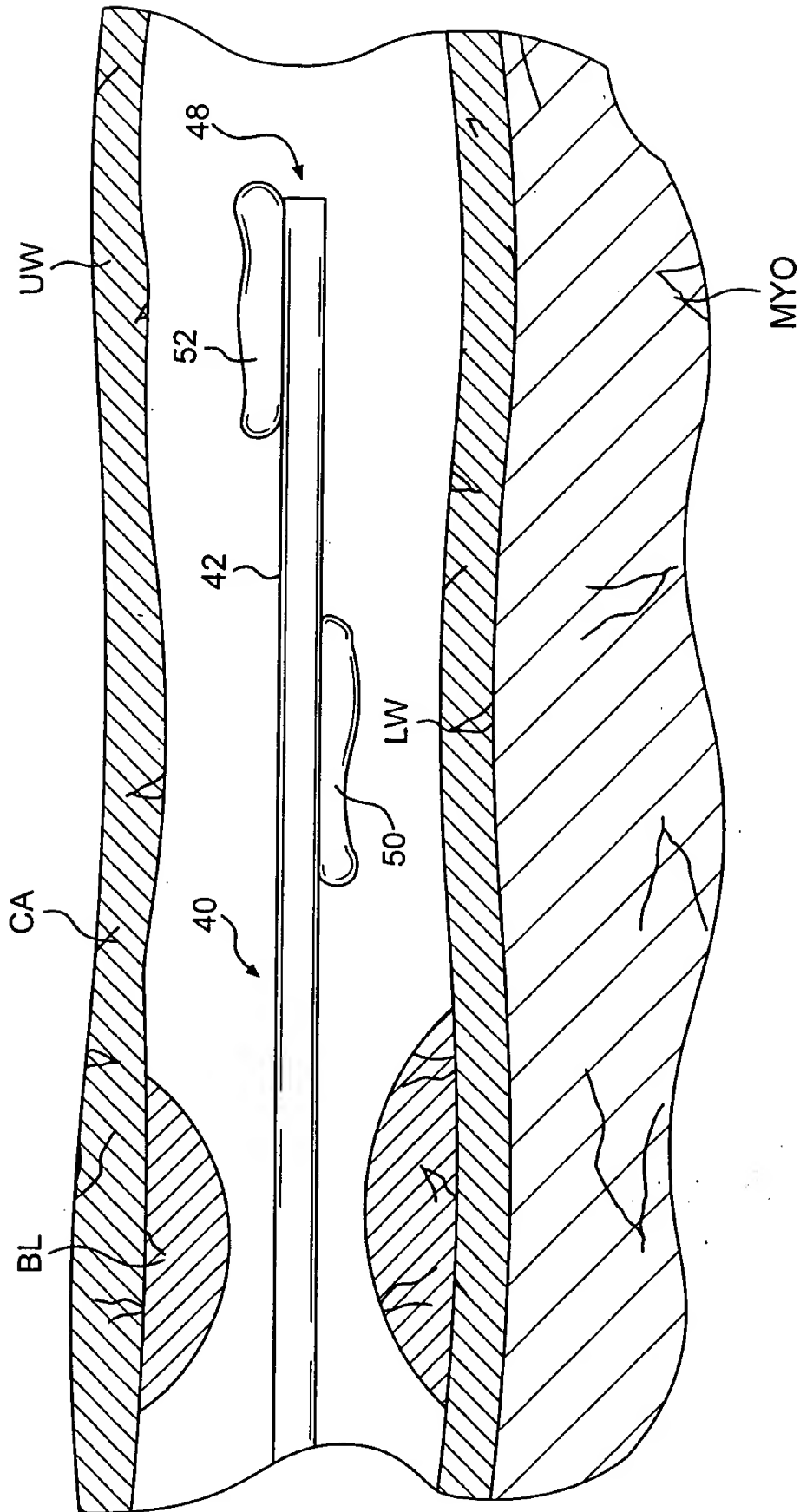


FIG. 9

FIG. 10



REPLACEMENT SHEET

Q.G. FILE	CLASS (SUBCL.)
BY	WITSMAN

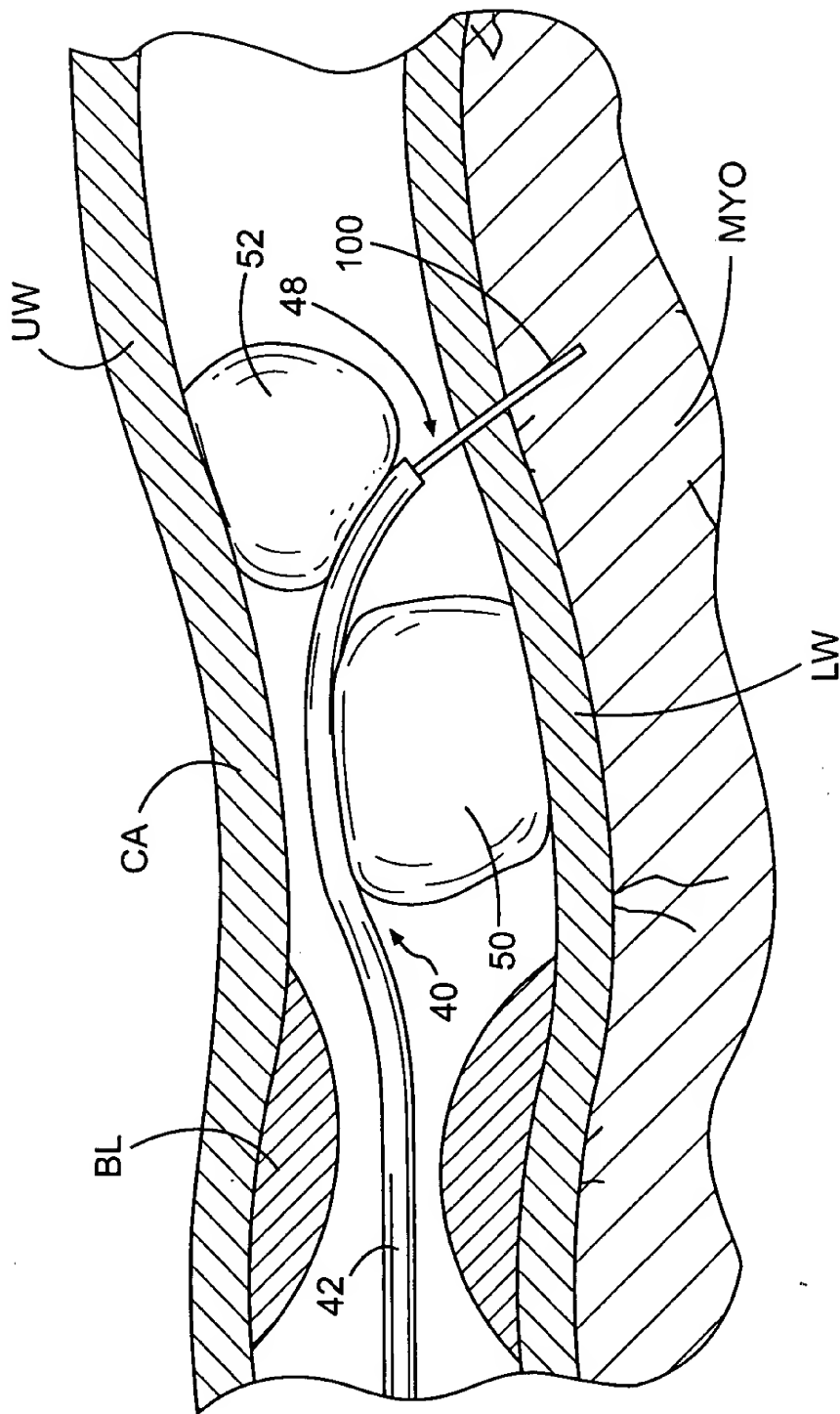
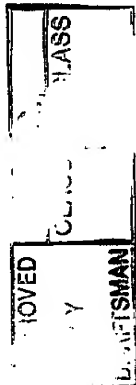


FIG. 11



REPLACEMENT SHEET

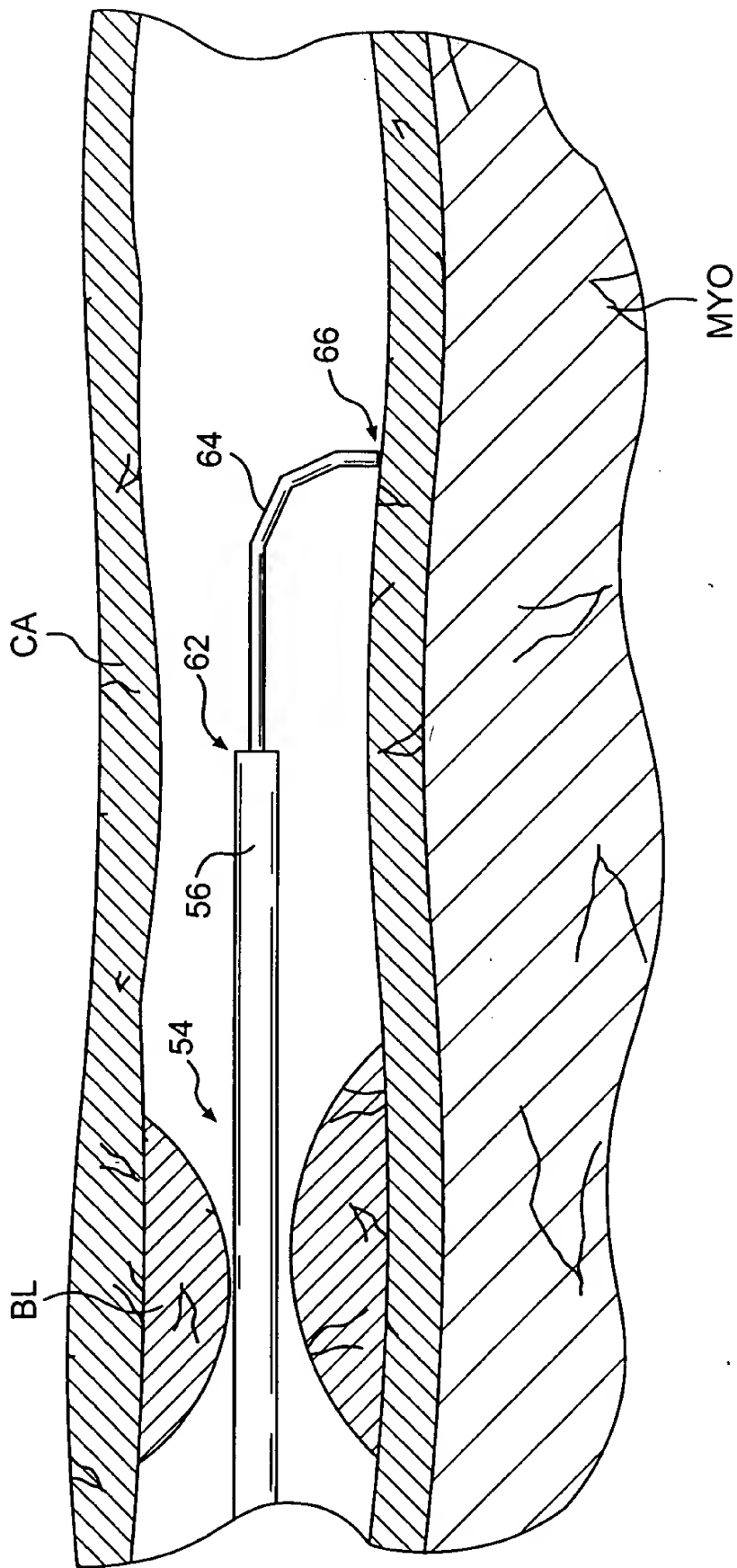


FIG. 12

PIPE JC87
SEP 08 2003
PATENT & TRADEMARK OFFICE

REPLACEMENT SHEET

FIG. FIG.	CLASS	SUBCLASS
ATTORNEY		

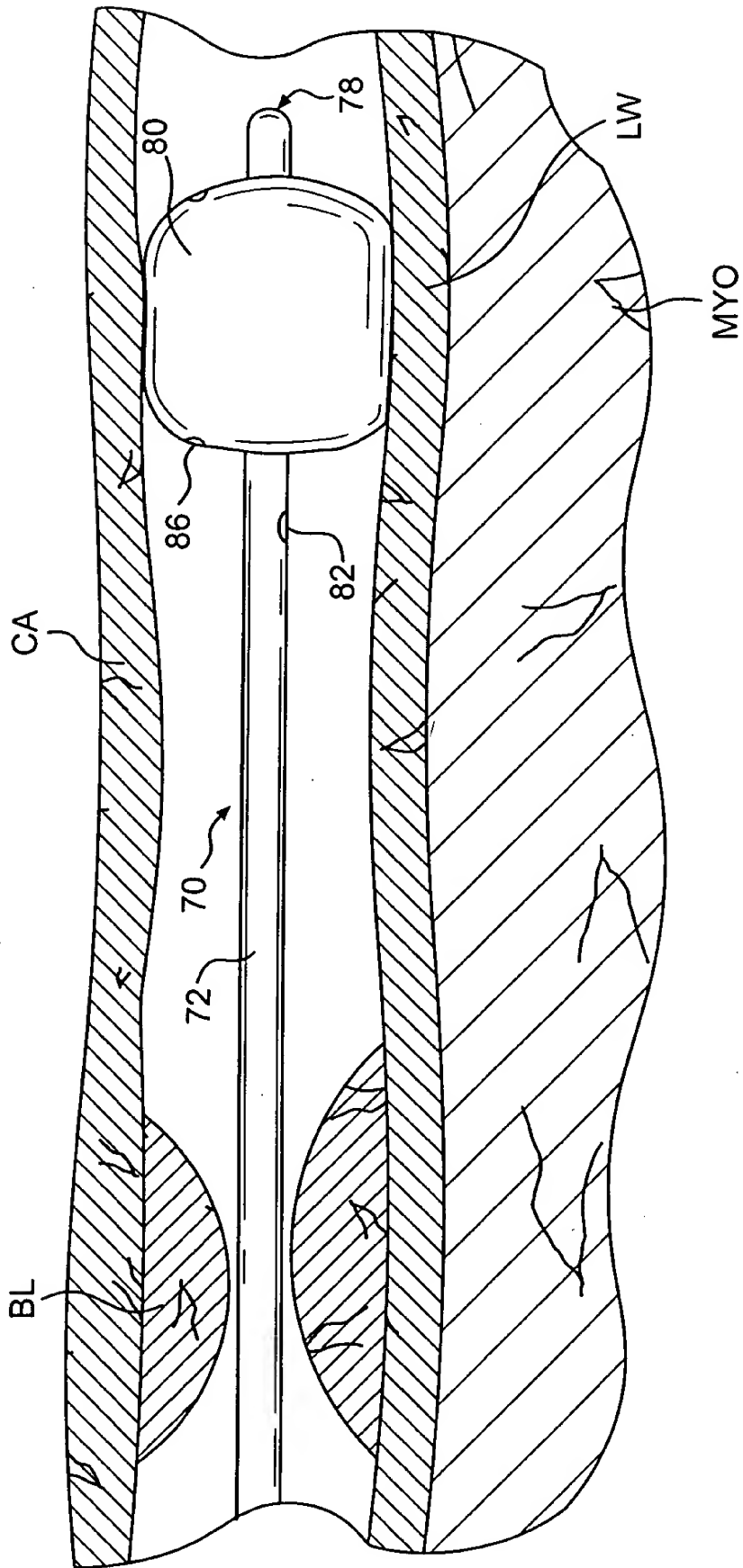


FIG. 13A

PIPE J
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APPROVED	O.G. FIG.	CLASS	SUBCLASS
10/24/03			
DRAFTSMAN			

REPLACEMENT SHEET

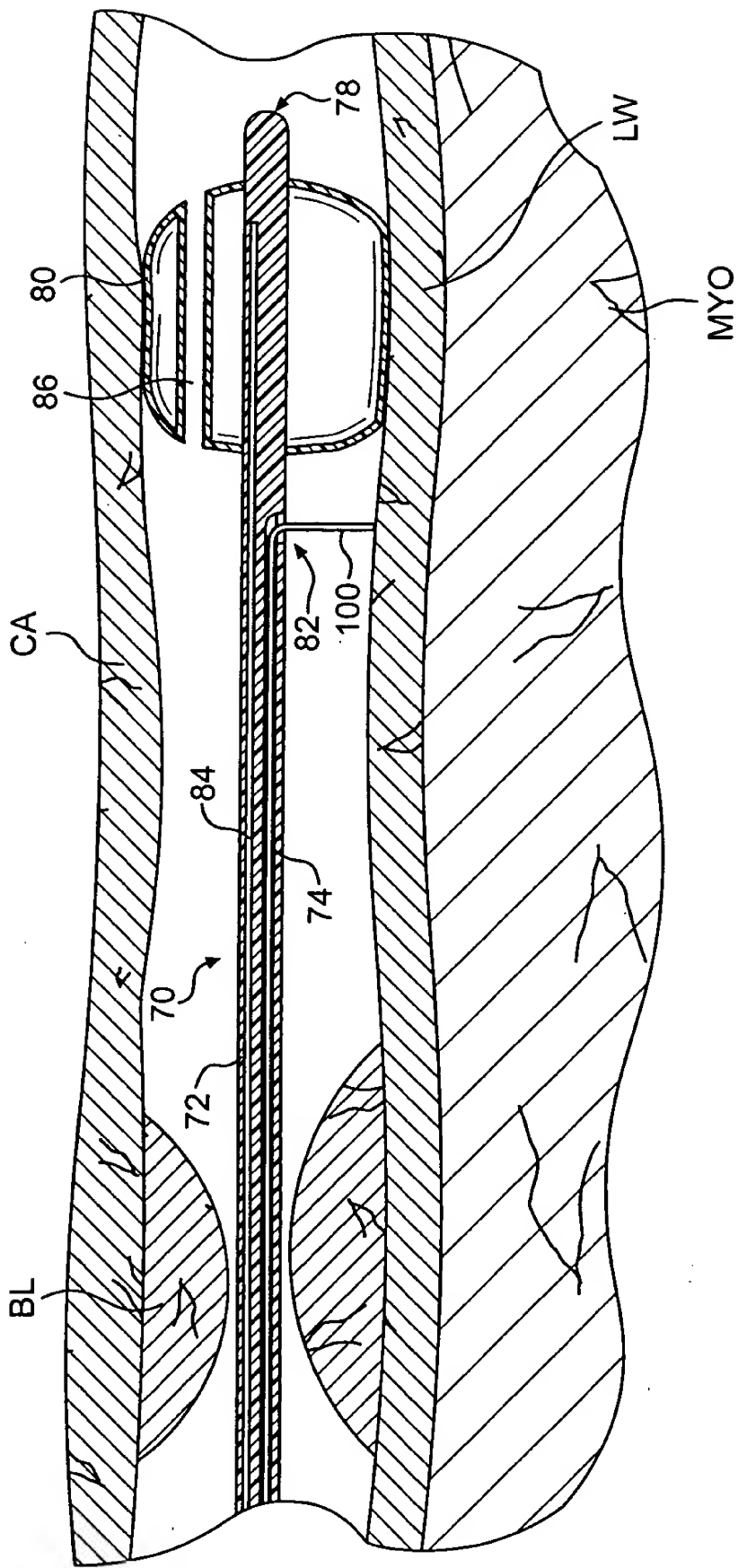
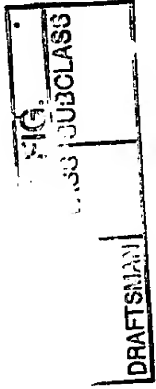
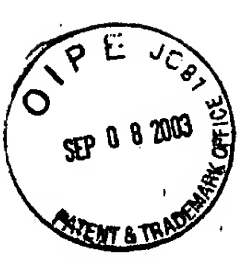


FIG. 13B



REPLACEMENT SHEET

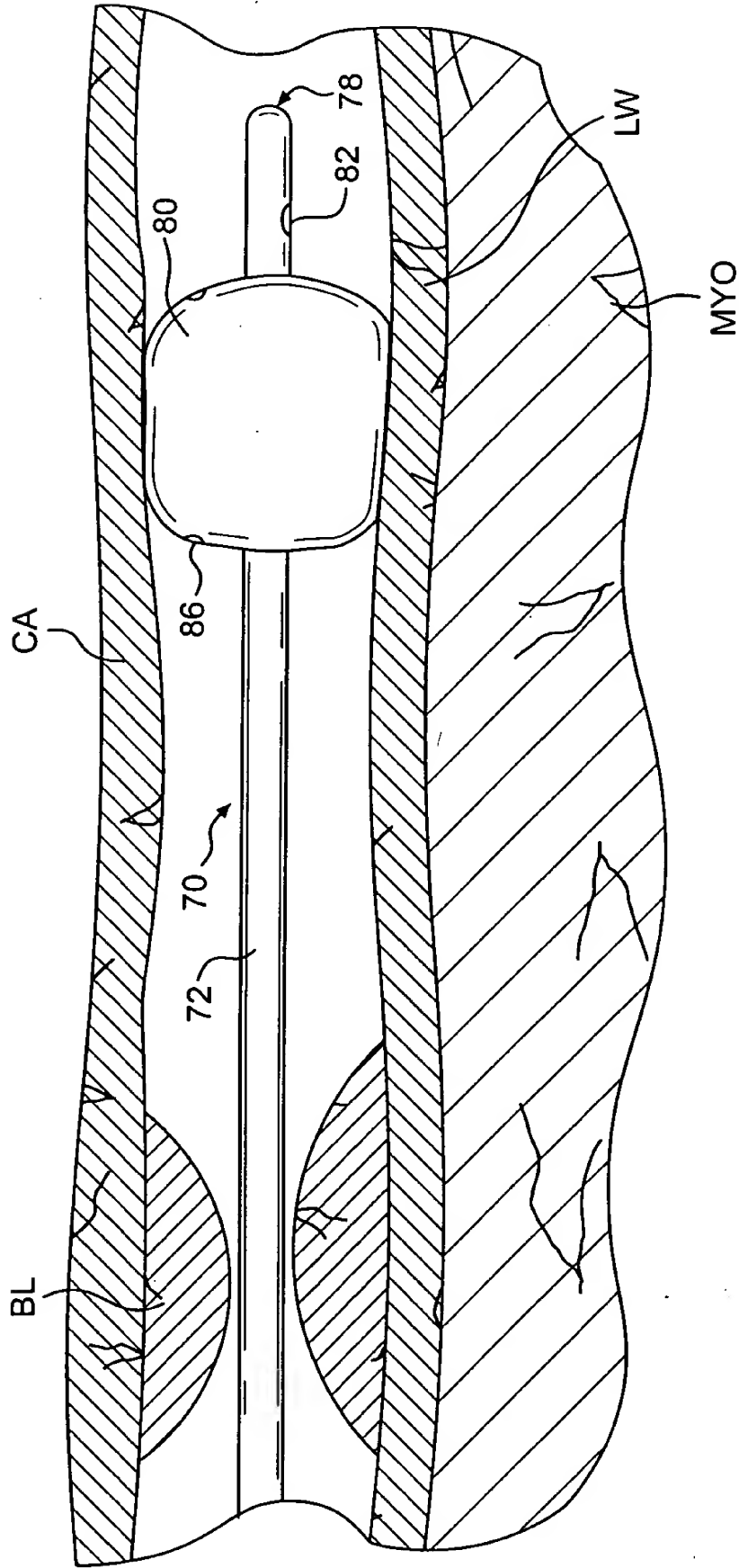


FIG. 14A

TYPE JCE
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REPLACEMENT SHEET

BY	FIG. 14B	
	CLASS	SUBCLASS
DRAFTSMAN		

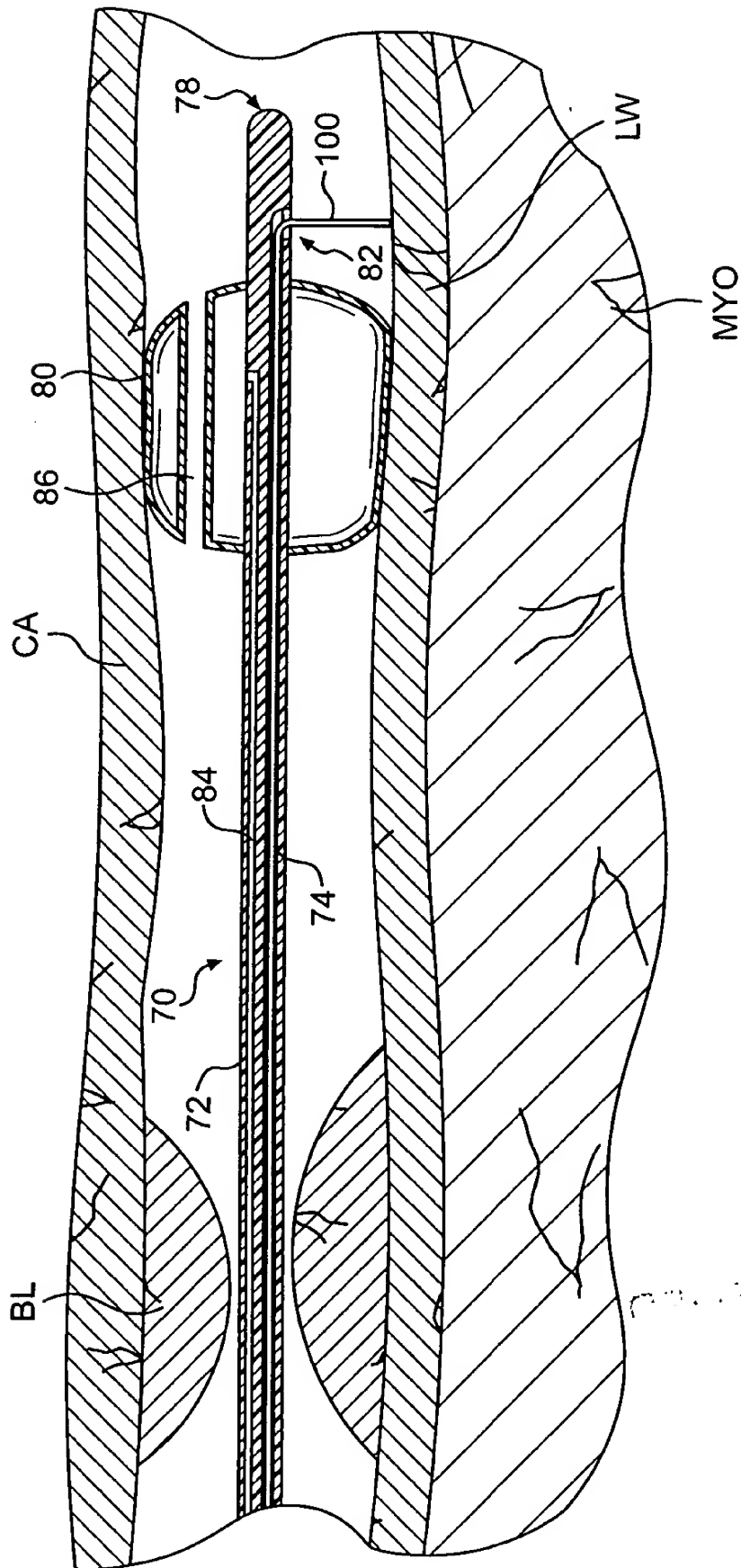


FIG. 14B

PIPE JET
SEP 08 2003
PATENT & TRADE

REPLACEMENT SHEET

APPROVED	O.C. FIG.	CLASS	GUBCLASS
BY			
DRAFTSMAN			

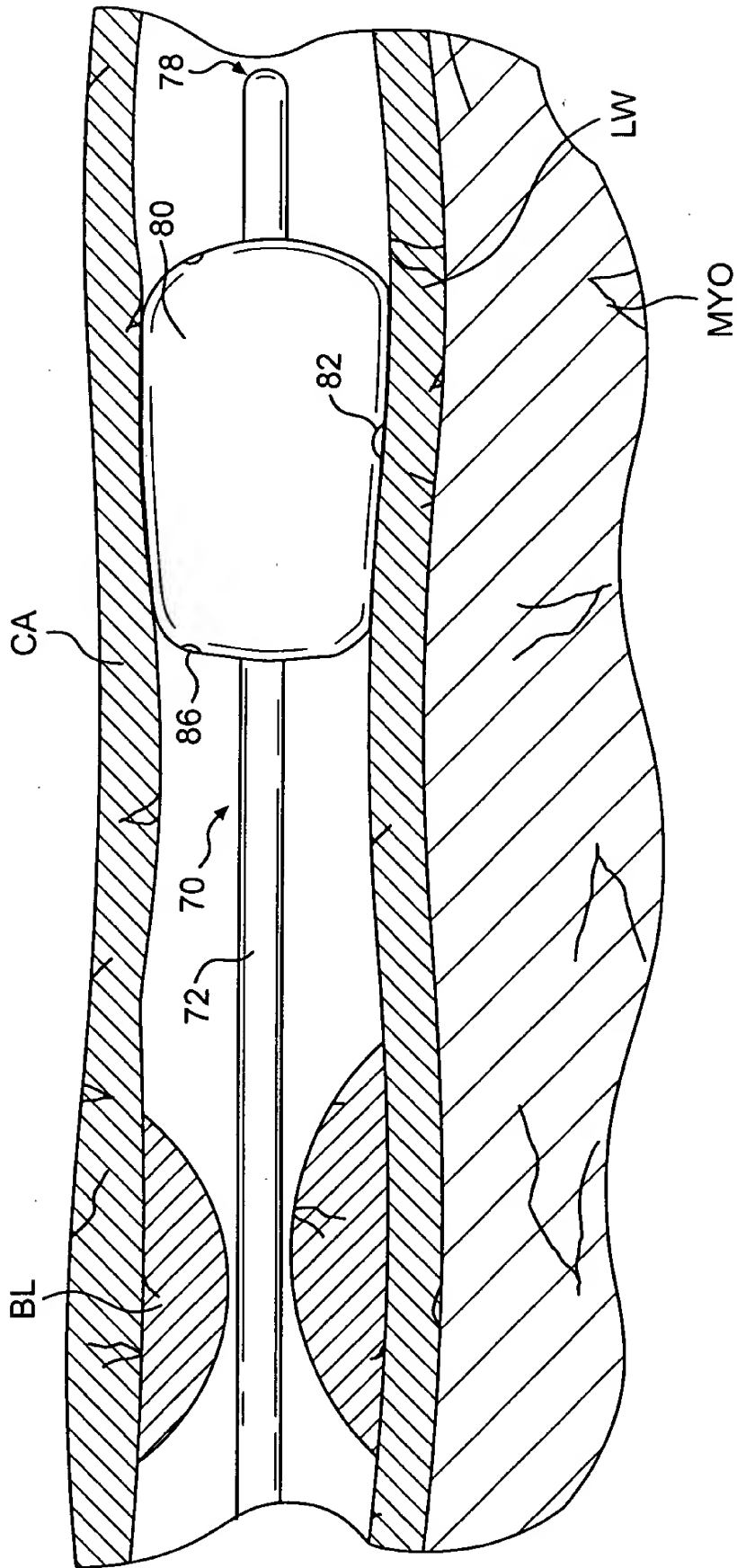


FIG. 15A

FIG. 15B

PIPE JOINT
SEP 08 2003
PATENT & TRADEMARK

REPLACEMENT SHEET

O.G. FIG.	CLASS		SUBCLASS
	BY		
PARTS LIST			

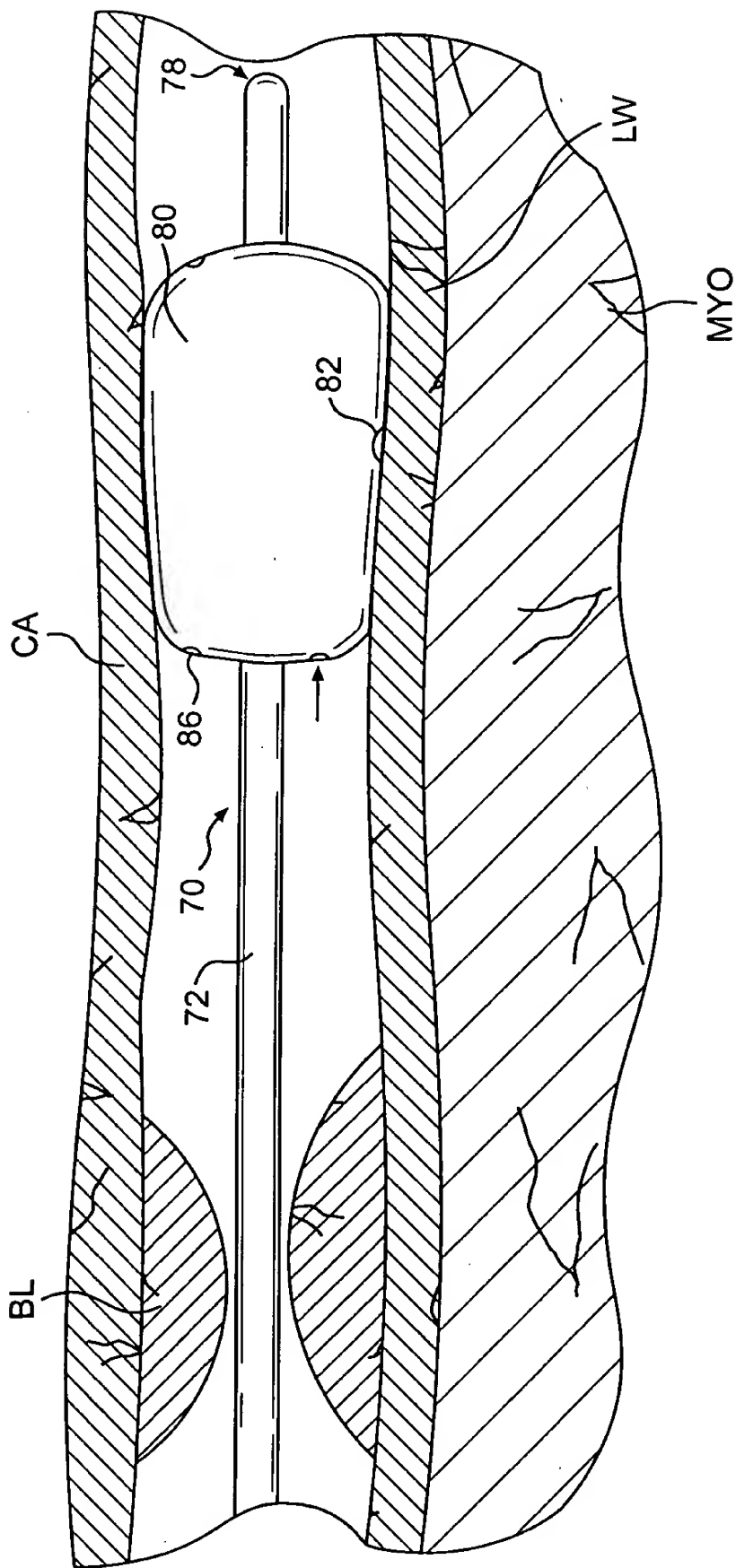


FIG. 15C

OIPE
 SEP 0 8 2003
 PATENT

REPLACEMENT SHEET

FIG.	FIG.
CLASS	SUBCLASS
BY	BY
BY	BY

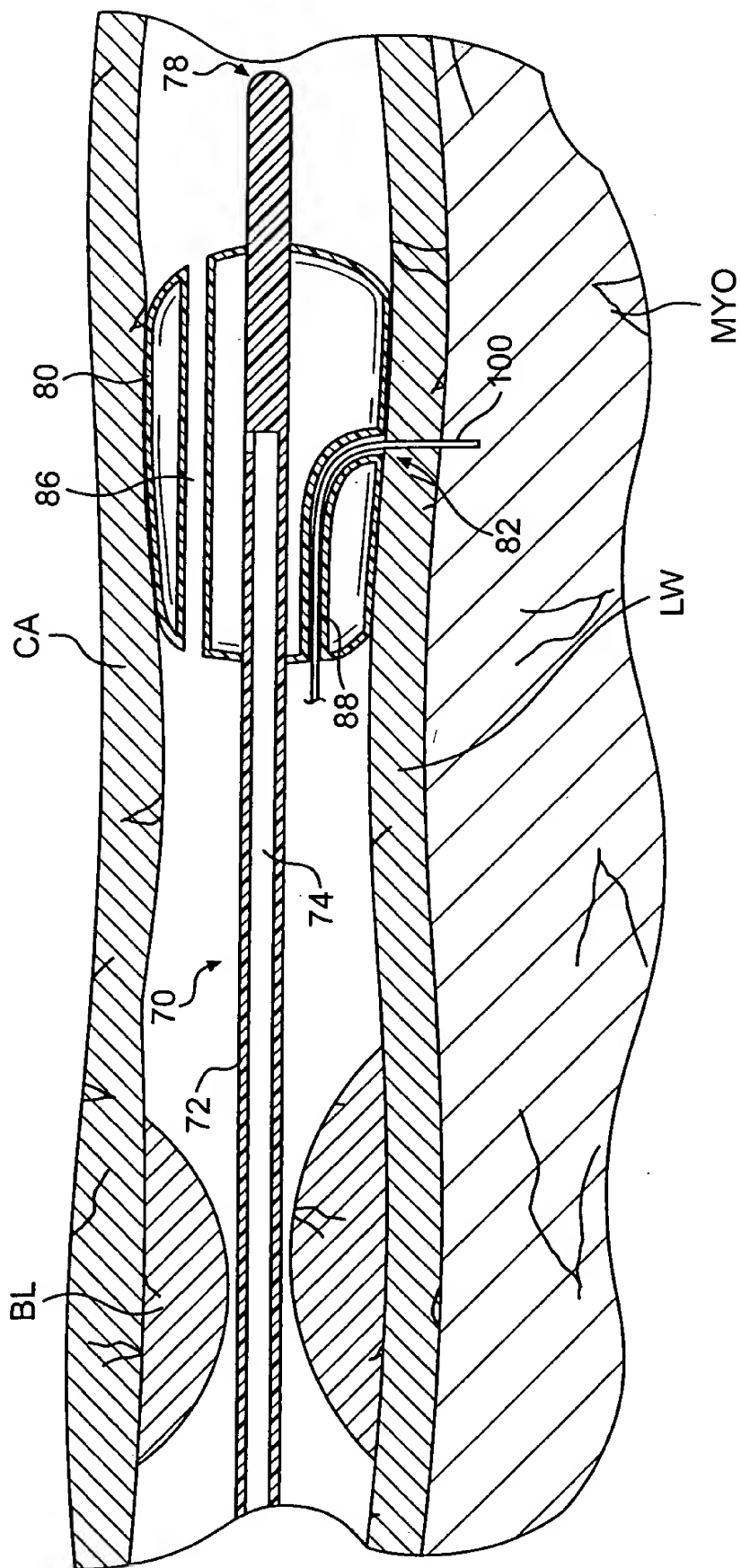


FIG. 15D

O I P E
SEP 08 2003
PATENT & TRADE

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

REPLACEMENT SHEET

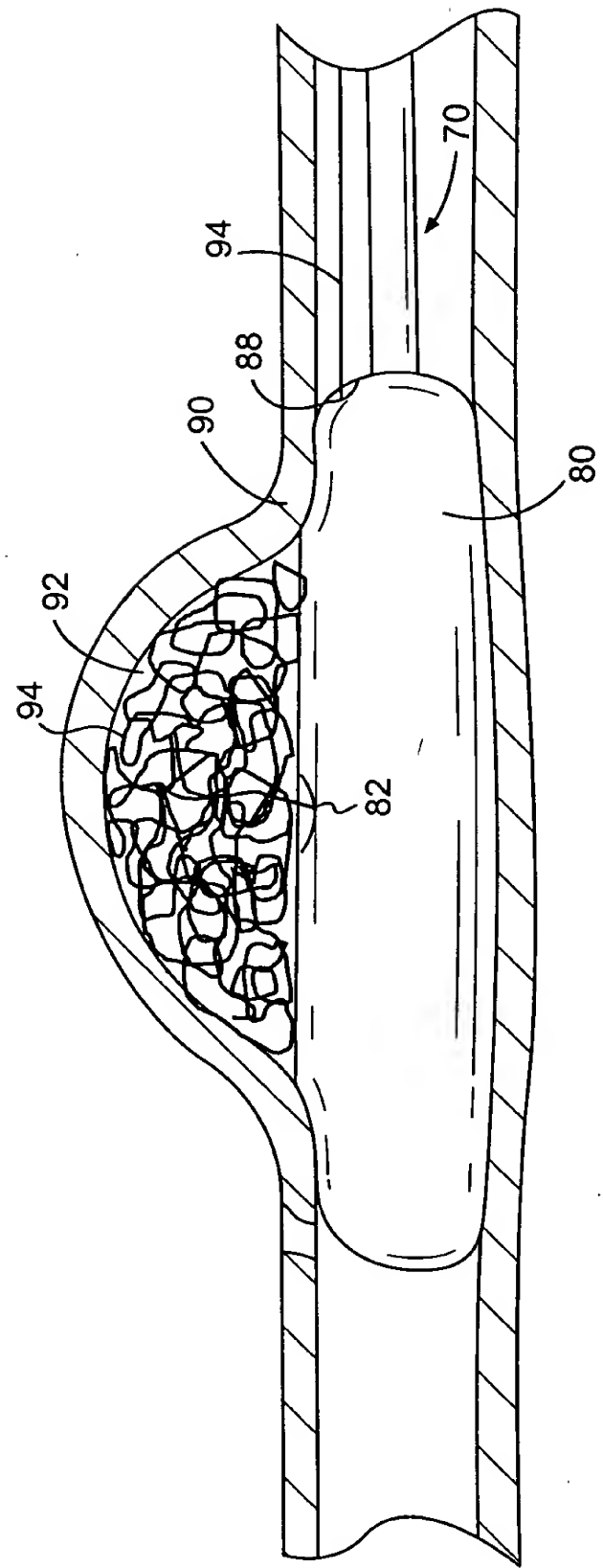


FIG. 16

01PE
SEP 08 2003
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APPROVED	O.G. FIG.	
	BY	CLASS / SUBCLASS
DRAFTSMAN		

REPLACEMENT SHEET

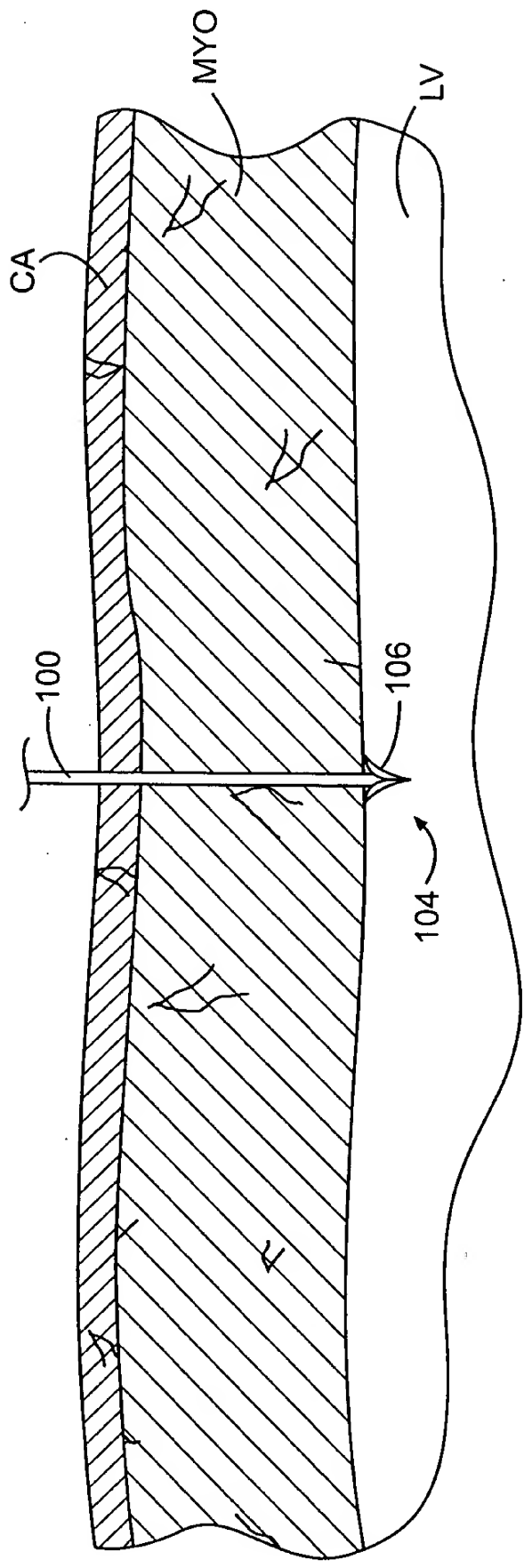


FIG. 17

OIP E
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PATENT & TRADEMARK OFFICE

REPLACEMENT SHEET

FILED	O.G. FIG.	CLASS	SUBCLASS
BY			
LABORERMAN			

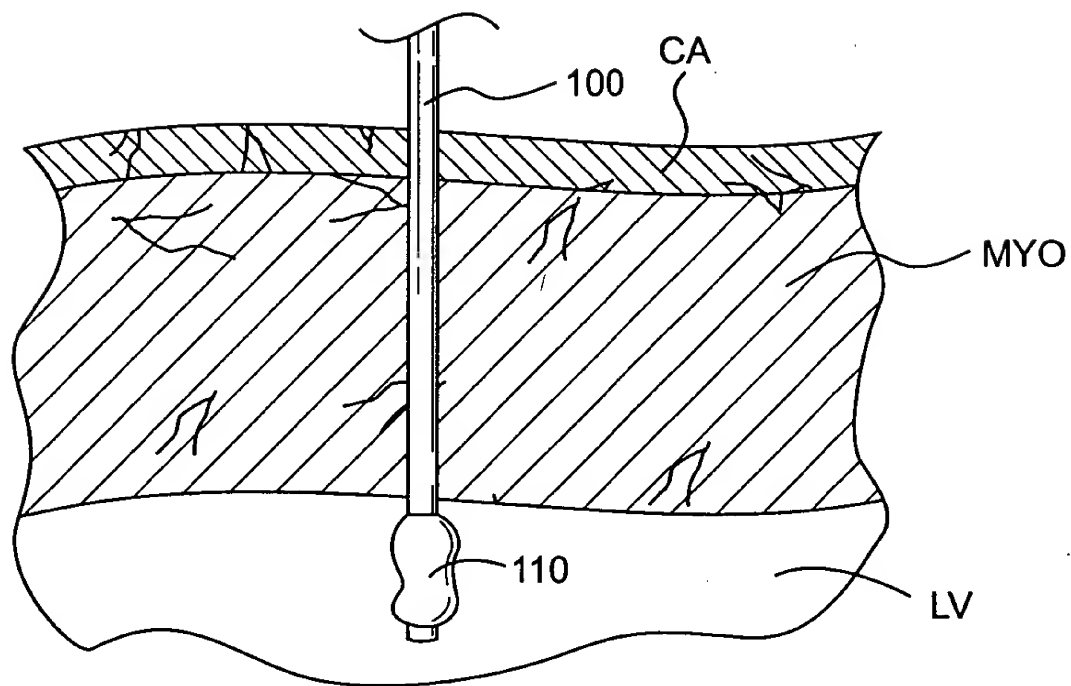


FIG. 18A



REPLACEMENT SHEET

APPROVED BY DRAFTSMAN	O.G. FIG.	CLASS / SUBCLASS

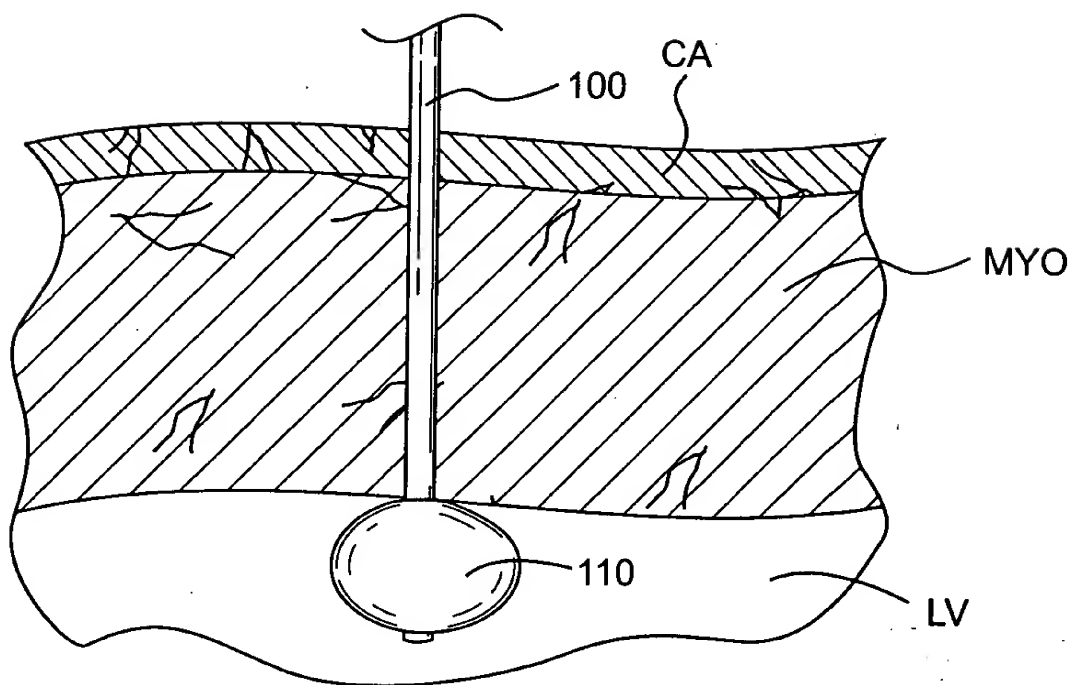


FIG. 18B



REPLACEMENT SHEET

APPROVED BY DRAFTSMAN	O.G. FIG.	CLASS	SUBCLASS

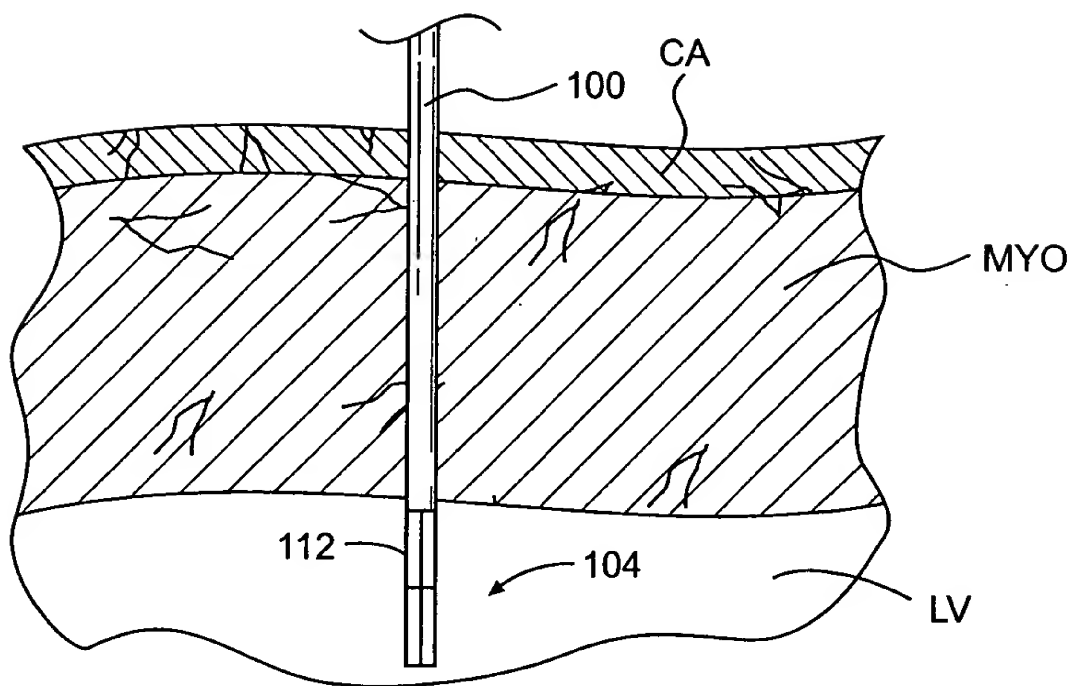


FIG. 19A

TYPE J
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REPLACEMENT SHEET

BY	CLASS	FIG.
	SUBCLASS	
DRAFTSMAN		

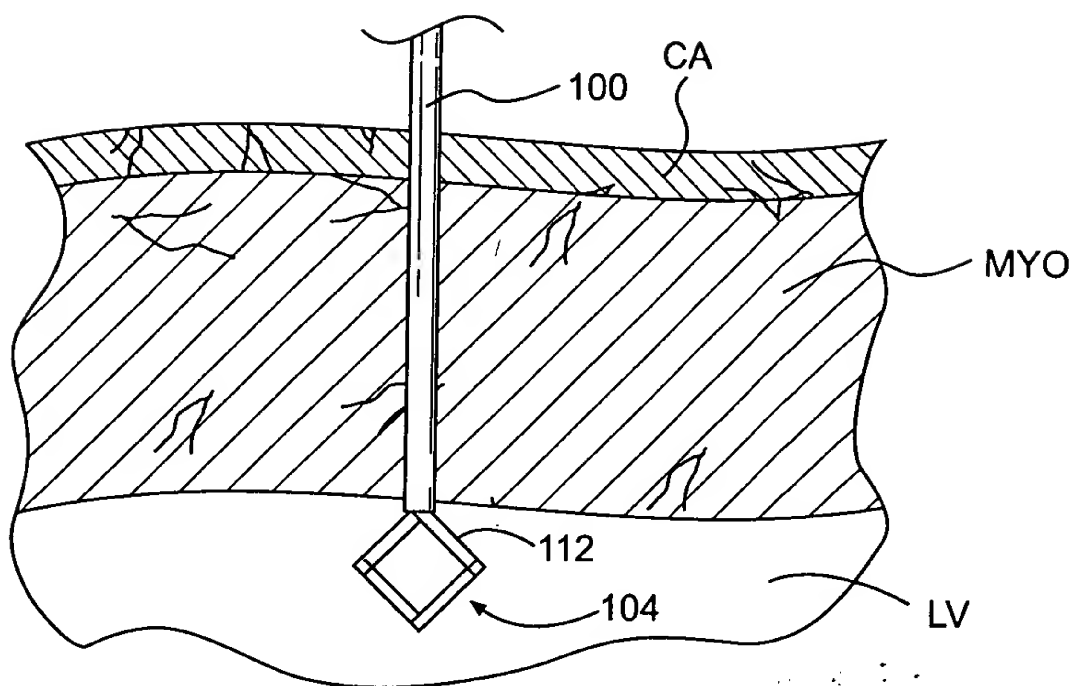


FIG. 19B

REPLACEMENT SHEET

SEP 0 8 2003

PATENT & TRADE

APPROVED	O.G.
BY	CLASS
DRAFTSMAN	SUBCLASS

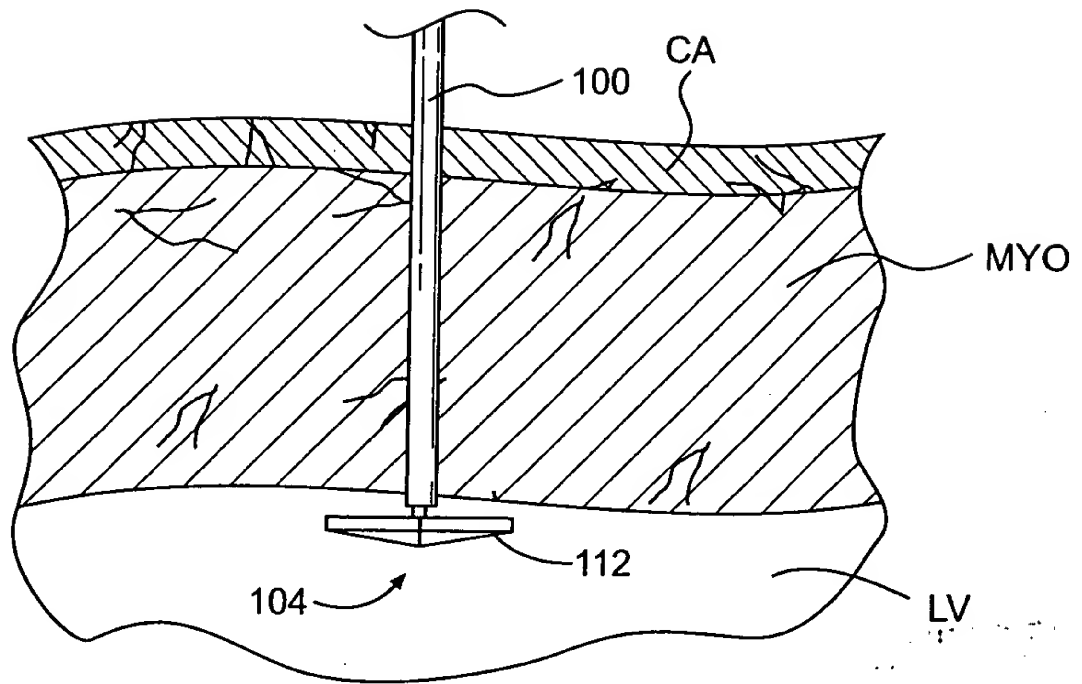


FIG. 19C

01P
SEP 08 2003
PATENT & TRADE

REPLACEMENT SHEET

BY	CLASS		SUBCLASS
	DRAFTSMAN		

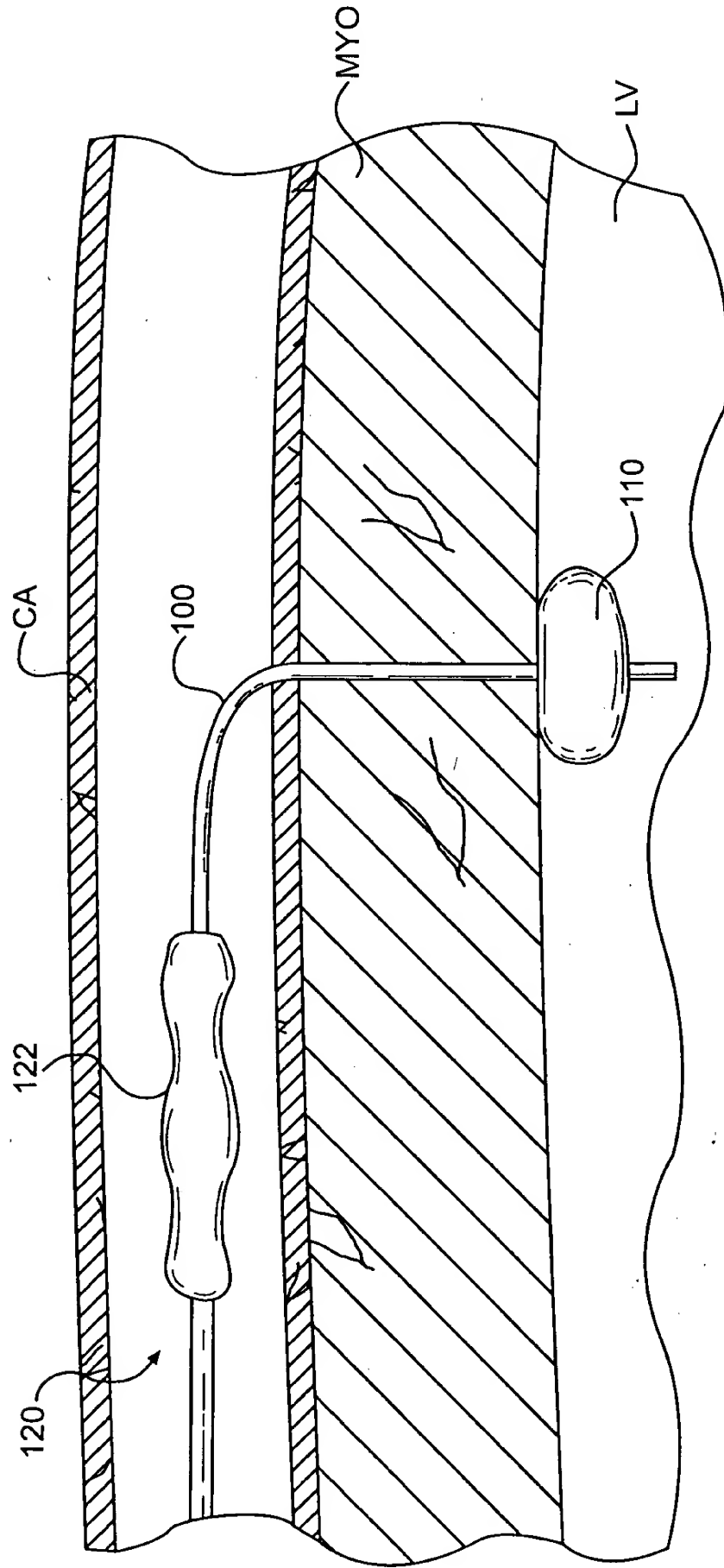


FIG. 20



APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

REPLACEMENT SHEET

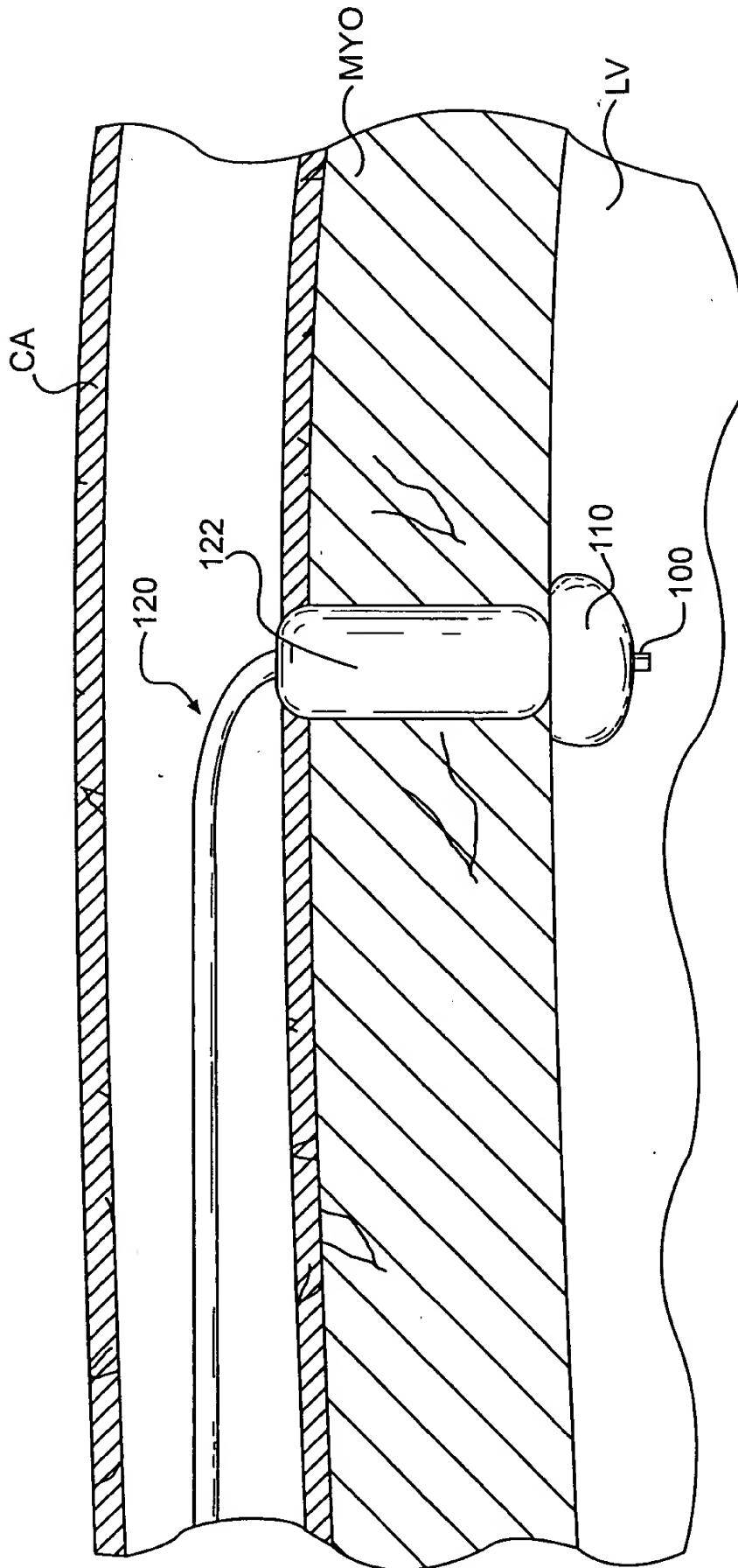


FIG. 21



FILED	O.G. FIG.
CLASS	SUBCLASS
INVENTOR	

REPLACEMENT SHEET

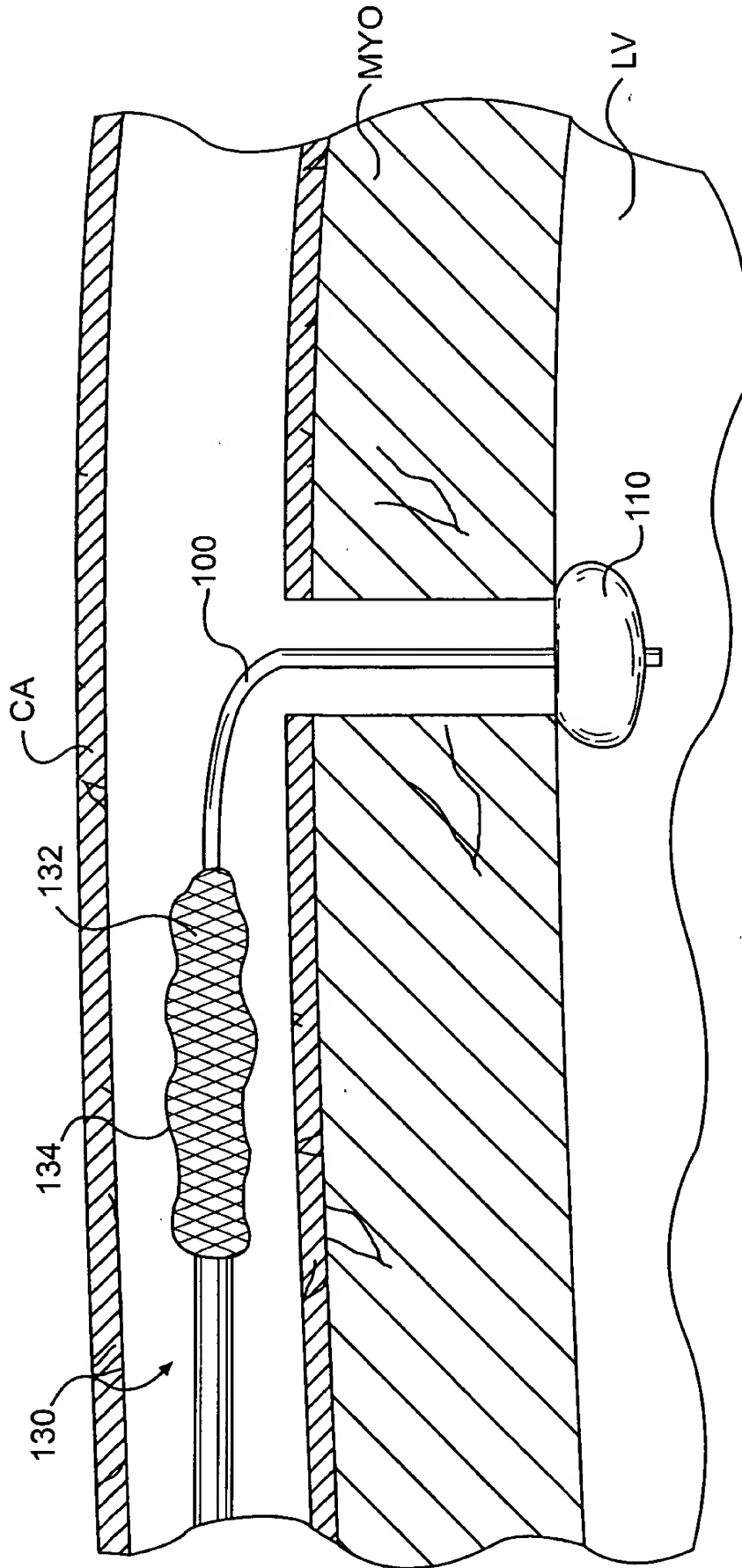


FIG. 22

O I P E J C 8 1
SEP 0 8 2003
PATENT & TRADEMARK OFFICE

REPLACEMENT SHEET

APPROVED	O. G. FIG.	CLASS	SUBCLASS
BY			
DRAFTSMAN			

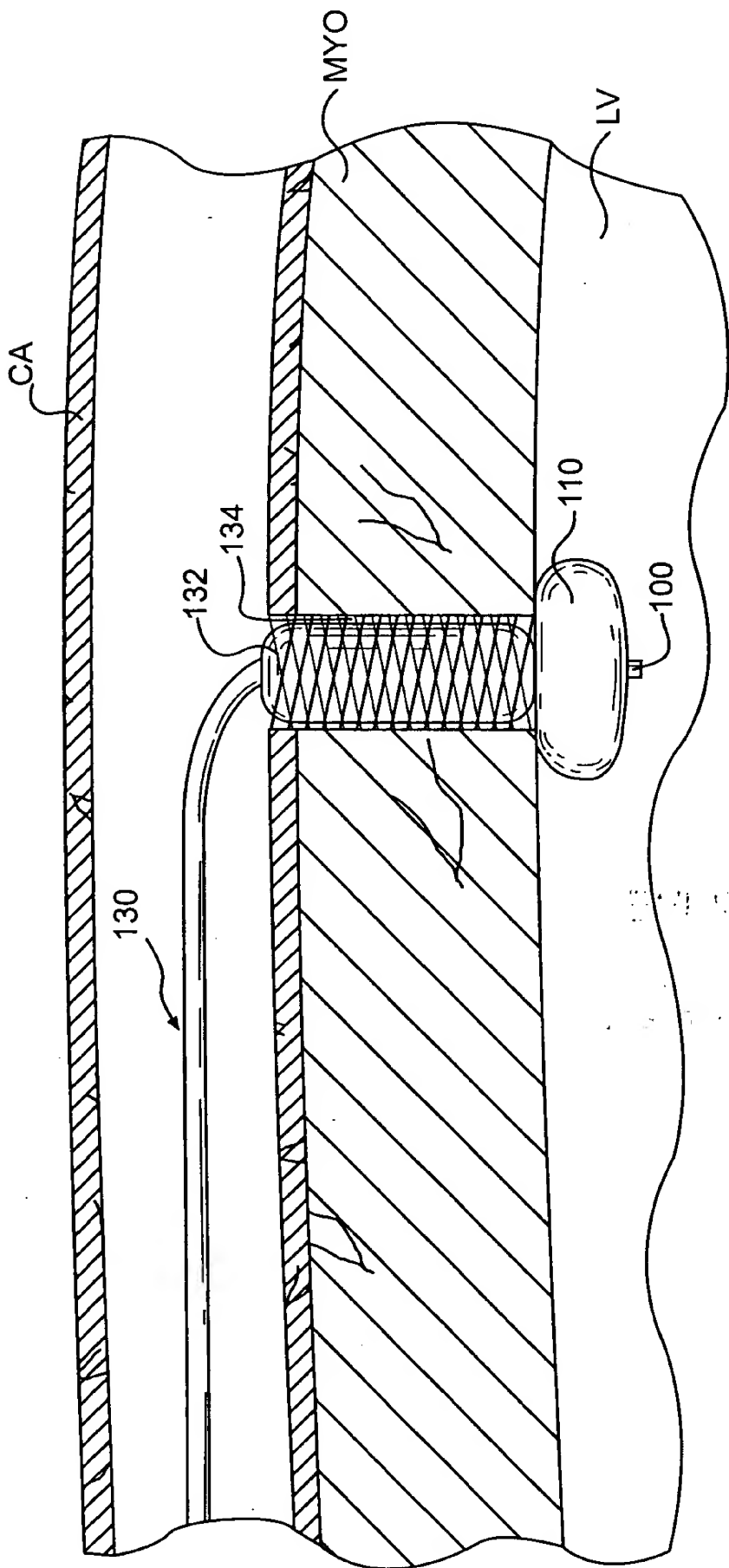


FIG. 23



REPLACEMENT SHEET

APPROVED	O.G. FIG.	CLASS	SUBCLASS
BY			
DRAFTSMAN			

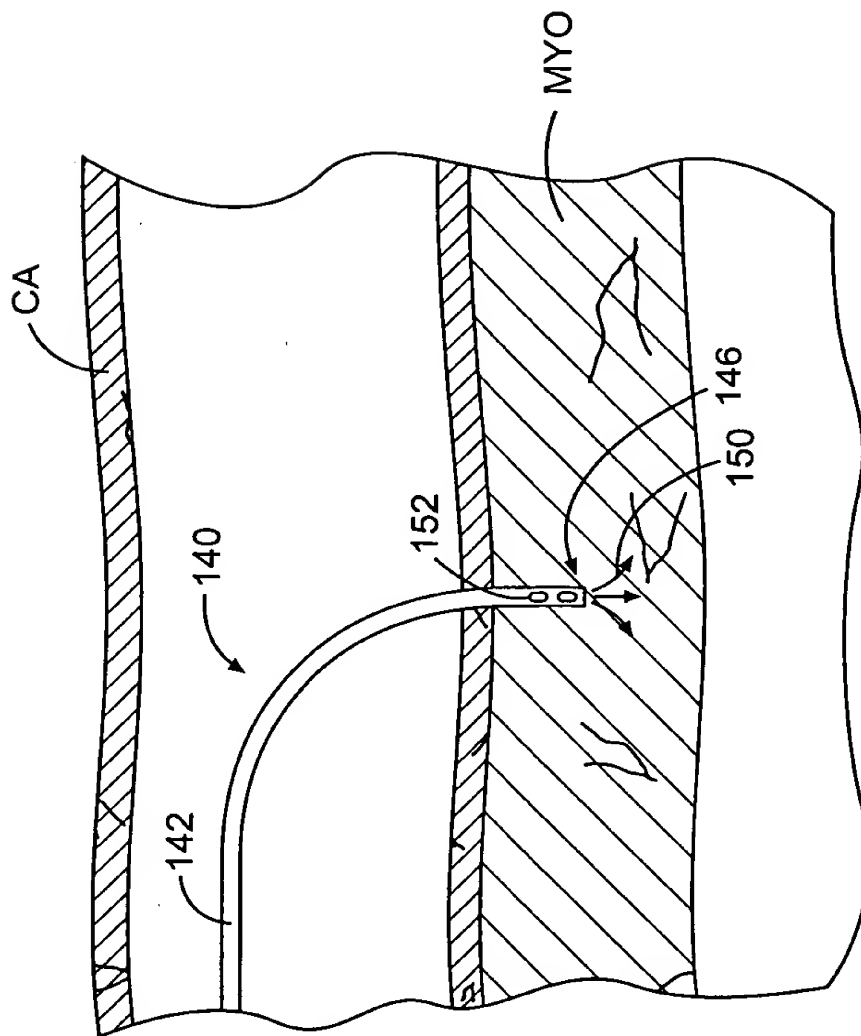


FIG. 24